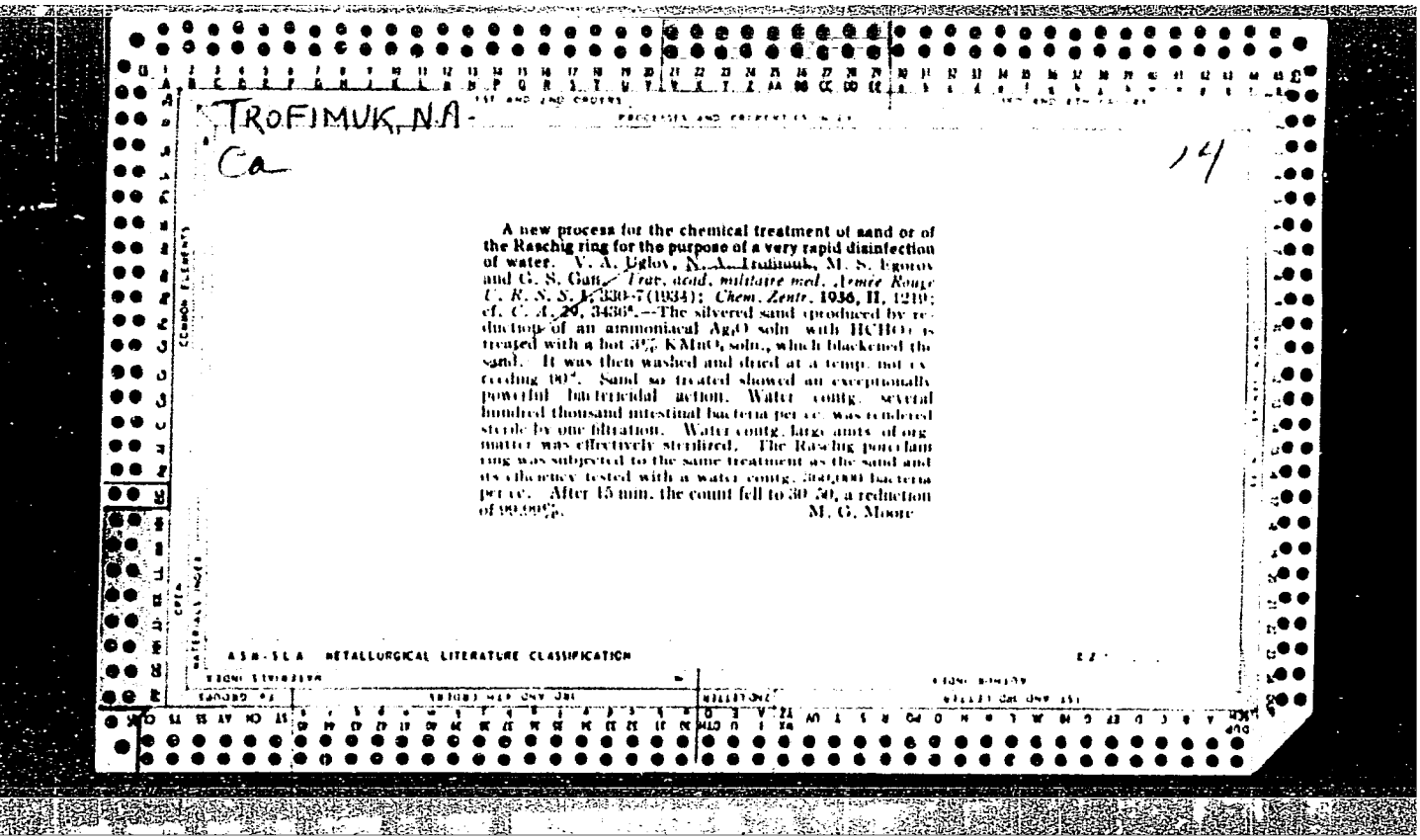


TROFIMUK, N.A.

Ca

14

A new process for the chemical treatment of sand or of the Raschig ring for the purpose of a very rapid disinfection of water. V. A. Eglov, N. A. Trofimuk, M. S. Egorov and G. S. Gan. *Trav. acad. militaire méd. Armée Rouge U. R. S. S.* **3**, 330–7 (1934); *Chem. Zentr.*, **1936**, II, 1210; cf. *C. A.* **29**, 3436⁸.—The silvered sand (produced by reduction of an ammoniacal Ag_2O soln. with $HCHO$) is treated with a hot 3% $KMnO_4$ soln., which blackened the sand. It was then washed and dried at a temp. not exceeding 90°. Sand so treated showed an exceptionally powerful bactericidal action. Water contg. several hundred thousand intestinal bacteria per cc. was rendered sterile by one filtration. Water contg. large amts. of org. matter was effectively sterilized. The Raschig porcelain ring was subjected to the same treatment as the sand and its efficiency tested with a water contg. [illegible] bacteria per cc. After 15 min. the count fell to 30–50, a reduction of [illegible]%. M. G. Moore

A S M - S L A METALLURGICAL LITERATURE CLASSIFICATION

TROFIMUK, A.A.

Effectiveness of drilling operations in the U.S.S.R. and U.S. as reflected in the increase of oil and gas reserves. Trudy VNII no.33:116-124 '61. (MIRA 16:7)

1. Sibirskoye otdeleniye AN SSSR.
(Petroleum geology)

GORNSHTEYN, D.K.; GUDKOV, A.A.; KOSOLAPOV, A.I.; LEYPTSIG, A.V.; MEL'NIKOV, V.M.; MOKSHANTSEV, K.B.; FRADKIN, G.S.; CHERSKIY, N.V.; TROFIMUK, A.A., akademik, nauchn. red. vyp.; ROZHKOV, I.S., glav. red.; KOBELYATSKIY, I.A., zam. glav. red.; SHATALOV, Ye.G., zam. glav. red.; BONDARENKO, V.I., red.; GRINBERG, G.A., red.; YELOVSKIKH, V.V., red.; RUSANOV, B.S., red.; SEMENOV, G.T., red.; TKACHENKO, B.V., red.; KALANTAROV, A.P., red.izd-va; GUSEVA, A.P., tekhn. red.

[Basic stages of the geological development and prospects for finding oil and gas in the Yakut A.S.S.R.] Osnovnye etapy geologicheskogo razvitiia i perspektivy neftegazonosnosti IAkutskoi ASSR. [By] D.K.Gornshtein i dr. Moskva, Izd-vo AN SSSR 1963. 238 p. (MIRA 16:12)

(Yakutia--Petroleum geology)
(Yakutia--Gas, Natural--Geology)

GABRIL'YAN, A.M., ZHEMS, I.D.; KLIMOVA, L.T.; MAKAROVA, L.N.; TIKHONOVA, G.I.; SOLOMONIK, V.A.; ABRAMOVA, L.B.; TROFIMUK, I.A.; NIKITINA, R.G.; SARKISYAN, I.S.; GULYAYEVA, L.A., prof., otv. red.

[Mesozoic and Cenozoic sediments of the Fergana and Issykkul' Depressions] Mezozoiskie i kainozoiskie otlozheniia Ferganskoi i Issyk-Kul'skoi vpadin. Moskva, Nauka, 1965. 259 p. (MIRA 18:4)

1. Moscow. Institut geologii i razrabotki goryuchikh iskopayemykh.

TKALICH, S.M.; MINEYEV, I.K., glavnyy red.; RYABENKO, V.Ye., zam. glavnogo red.; TUMOL'SKIY, L.M., zam. glavnogo red.; KUR'YANOV, F.K., otv. zav vypusk; BASSOLITSYN, Ye.P., red.; BLINNIKOV, I.I., red.; DAUKSHO, Yu.Ye., red.; DZINKAS, Yu.K., red.; ZHARKOV, M.A., red.; ZAVALISHIN, M.A., red.; MANDEL'BAUM, M.M., red.; MATS, V.D., red.; MALETOV, P.I. red.; NOMOKONOVA, N., red.; NOSEK, A.V., red.; SERD, A.I., red.; SEMENYUK, V.D., red.; TAYEVSKIY, V.M., red.; TIKHONOV, V.L., red.; TROFIMUK, I.N., red.; TOMILOVSKAYA, M.V., red.; FOMIN, N.I., red.; SHAMES, P.I., red.; TROSHANIN, Ye.I., tekhn. red.

[Biogeochemical anomalies and their interpretation.] Biogeokhimicheskie anomalii i ikh interpretatsiia. Irkutsk, 1961. 39 p. (Materialy po geologii i poleznym iskopaemym Irkutskoi oblasti no.3). (MIRA 17:1)

BELYAYEV, A.P., red.; BESSOLITSYN, Ye.P., red.; BLINNIKOV, I.I., red.; DZINKAS, Yu.K., red.; ZHARKOV, M.A., red.; KOROVIN, A.V., red.; KUR'YANOV, F.K., red.; MAIDEL'BAUM, M.M., red.; NALETOV, P.I., red.; RYABENKO, V.Ye., red.; SAVINSKIY, K.A., red.; SERD, A.I., red.; SEMENYUK, V.D., red.; TUMOL'SKIY, L.M., red.; TIKHONOV, V.L., red.; TROFIMUK, P.I., red.; TOMILOVSKAYA, M.V., red.; FOMIN, N.I., red.BEKMAN, Yu.K., ved. red.

[Recent data on the geology, petroleum potentials, and mineral resources of Irkutsk Province] Novye dannye po geologii, neftenosnosti i poleznym iskopaemym Irkutskoi oblasti. Moskva, Nedra, 1964. 278 p. (MIRA 17:8)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye geologii i okhrany nedr. Irkutskoye geologicheskoye upravleniye.

TKACHUK, V.G., doktor geologo-mineralog. nauk; TOLSTIKHIN, N.I., prof.; PINNEKER, Ye.V., kand. geologo-mineralog. nauk, mladshiy nauchnyy sotr.; YASNITSKAYA, N.V., mladshiy nauchnyy sotr., khimik; KRUTIKOVA, A.I., mladshiy nauchnyy sotr., khimik; SHOTSKIY, V.P., kand. geogr. nauk; ORLOVA, L.M., starshiy gidrogeolog; STEPANOV, V.M., kand. geologo-mineralog. nauk; VLASOV, N.A., kand. khim. nauk; PROKOP'YEV, B.V., kand. khim. nauk; CHERNYSHEV, L.A., starshiy prepodavatel'; PAVLOVA, L.I., starshiy prepodavatel'; Prinimali uchastiye: IVANOV, V.V., kand. geologo-mineralog. nauk; YAROTSKIY, L.A., kand. geologo-mineralog. nauk; KARASEVA, A.P., nauchnyy sotr.; ARUTYUNYANTS, R.R., nauchnyy sotr.; ROMANOVA, E.M., nauchnyy sotr.; TROFIMUK, P.I., starshiy gidrogeolog; LADEYSHCHIKOV, P.I., starshiy nauchnyy sotr., kand. geogr. nauk; LYSAK, S.V., starshiy laborant; KRUCHININA, L.Yu., laborant; SEMENOVA, Ye.A., red. izd-va; BOCHEVER, V.T., tekhn. red.

[Mineral waters of the southern part of Eastern Siberia] Mineral'nye vody iuzhnoi chasti Vostochnoi Sibiri. Moskva. Vol.1. [Hydrogeology of mineral waters and their significance for the national economy] Gidrogeologiia mineral'nykh vod i ikh narodnokhoziaistvennoe znachenie. Pod obshchei red. V.G.Tkachuk i N.I.Tolstikhina. 1961. 346 p. (MIRA 14:8)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Vostochno-sibirskiy geologicheskiy institut.

(Continued on next card)

TKACHUK, V.G.--- (continued) Card 2.

2. Vostochno-Sibirskiy geologicheskiy institut (for Tkachuk, Pinneker, Yasnitskaya, Krutikova, Lysak). 3. Institut geografii Sibirskogo otdeleniya Akademii nauk SSSR (for Shotskiy). 4. Chitinskoye geologicheskoye upravleniye (for Orlova). 5. Sosnovskaya ekspeditsiya Ministerstva geologii i okhrany nedr SSSR (for Stepanov). 6. Irkutskiy gosudarstvennyy universitet (for Vlasov, Prokop'yev, Chernyshev, Pavlova). 7. Leningradskiy gornyy institut (Tolstikhin). 8. Gosudarstvennyy nauchno-issledovatel'skiy institut kurortologii i fizioterapii (for Ivanov, Yarotskiy, Karaseva, Arutyunyants, Romanova). 9. Irkutskoye geologicheskoye upravleniye (for Trofimuk). 10. Baykal'skaya limnologicheskaya stantsiya Vostochno-Sibirskogo filiala AN SSSR (for Ladeyshchikov). 11. Otdel ekonomiki i geografii Vostochno-Sibirskogo filiala AN SSSR (for Kruchinina).

(Siberia, Eastern--Mineral waters)

TROFIMUK, Q. A.

USSR/Geological Prospecting 1948
Petroleum

"Prospects of Petroleum of the Upper Devonian and Earlier Deposits of Western Bashkir," Q. A. Trofimuk, 5 pp

"Sovet Geolog" No 28

Description of the various surveys conducted in subject region. Work first begun in May 1940. On basis of data obtained it can be stated that technicians have high hopes for petroleum production in Volga-Ural region. If data obtained by surveys is correct this region should prove to be largest Soviet oil field.

69T57

TROFIMUK, Ya., kapitan dal'nogo plavaniya (Nevel'sk)

Simple method of controlling deviation tables. Mor.flot 16 no.5: 25 My '56. (MLRA 9:8)

(Navigation) (Compass)

VLADIMIRESCU, I., ing.,conf.; LATES, M., ing.; TROFIN, E., ing., conf.

Experimental investigations on filtration under nonpermanent conditions, applied to earth dams and weirs. Hidrotehnica 7 no.1: 1-14 Ja '62.

1. Membri al Comitetului de redactie, "Hidrotehnica."

MATEESCU, Cristea, prof. dr. ing.; VLADIMIRESCU, Ion, conf. ing.; TROFIN, Elena, sef lucrari ing.; BRATU, Cristian, asist. ing.

Contributions to the study of drainage of the water infiltration in the Danube flood plain in a dam-controlled regime of the river. Hidrotehnica 7 no.12:409-417 D '62.

TROFIN, Elena, ing.

Hydraulic computation of catchments with radial drains.
Hidrotehnica 8 no.9:317-322 S '63.

TROFIN, El.; PIETRARU, V.

Analytic calculation of frontal drainage systems. Studii geotehn fund constr hidro 7:3-42 '64.

TROFIN, Elena

Contribution to the hydraulic calculation of captation drains of finite length. Studii cerc mec apl 16 no.4:963-982 '64.

1. Institute of Constructions, Bucharest.

TROFIN, I., ing.

Characteristics of supersonic speed turboreactors. Rev transport 8 no. 3: 121-127 Mr '61.

26853
R/002/61/000/009/008/012
D015/D105

26.1220
26.4100

AUTHOR: Trofin, Ion, Engineer

TITLE: Testing of rockets

PERIODICAL: Ştiinţă şi Tehnică, no. 9, 1961, 18 - 19

TEXT: Having briefly described Major Titov's space flight with the "Vostok" space ship on August 6, 1961, the author presents the characteristic elements of tests to which rocket engines are subjected. The aerodynamic forces and engine coefficients are determined in open-circuit wind tunnels. The USSR also uses mobile installations traveling on 2 - 4-km-long rails with a speed ranging from 500 to 1,000 m/sec. Following these tests, the engines are examined in a test stand to determine their operational characteristics. There are two test stand versions: fixed test stands for heavy rocket engines and mobile test stands for less heavy rocket engines, with a traction power of 250 - 300 t. These stands can be moved in any direction to test the engines in various positions. The engines are finally installed in rockets and subjected to flight tests, to determine the various characteristics of the rocket, the rocket engine and the built-in instruments. There are 4 figures.

Card 1/1

41260

10.7400

S/264/62/000/011/002/005
D036/D114

AUTHOR: Trofin, I.

TITLE: Fatigue in aircraft structures

PERIODICAL: Referativnyy zhurnal, Vozdushnyy transport, no. 11, 1962, 8, abstract 11A42 (Rev. trans. (RPR), v. 8, no. 12, 1961, 519-527 [Rum.; summaries in Russ., Ger., French and Eng.]).

TEXT: Analysis is made of repeated loads resulting in fatigue failure of aircraft structures. Types of fatigue cracks are given. Descriptions are given of fatigue-strength tests of aircraft and engines after prolonged service, and fatigue in jet- and piston-engine structures working under high temperature conditions. Measures are indicated for preventing accidents due to fatigue of structural materials. [Abstracter's note: Complete translation].

Card 1/1

R/002/61/000/012/006/006
D282/D305

AUTHOR: Trofin, Ion, Engineer

TITLE: Ramjet, an engine of the future

PERIODICAL: Stiinta si tehnica, no. 12, 1961, 32-33

TEXT: The article deals with ramjet engines, describing their advantages, disadvantages and application possibilities. Their greatest disadvantage, compared with turbojet engines, is that they can not be used at low velocities and low altitudes. In order to increase the utilization possibilities of ramjet engines, Soviet scientists have combined them with turbojet engines, especially in VTOL aircraft. Such a combination is found in a Soviet coleopter which is equipped with a turbojet and a ramjet engine. The turbojet engine is used at the starting and landing operations as well as during the low-speed and low-altitude flights. The ramjet engine is put into operation at high-speed and high-altitude flights. The operation characteristics of the ramjet engine depend on

Card 1/2

Ramjet, ...

R/002/61/000/012/006/006
D282/D305

the configuration and area of the diffuser and discharge nozzle. The determination of a satisfactory diffuser is a complicated problem and was solved by a controllable diffuser, whose configuration and area may be changed during flight. There are 4 figures.

Card 2/2

R/002/62/000/004/002/004
D272/D304

9.9867 (1538)

AUTHOR: Trofin, Ioan, Engineer

TITLE: Antigravity

PERIODICAL: Ştiinţa şi tehnica, no. 4, 1962, 14-17

TEXT: A short review is presented of devices enabling partial annullment of the effects of the gravitational field, followed by a description of devices enabling the artificial creation of gravity fields, opposed to the terrestrial gravitational field, mentioning electrostatic condensers in the form of 60 and 90 cm discs charged to 50,000 and 150,000 volts respectively; also mentioned is the means of verifying the antigravitational properties of anti-matter particles -- non-deviation of a beam of pure anti particles under the affect of the terrestrial field of gravity. Several theoretical considerations and hypotheses on the character and properties of antigravity are briefly mentioned, and illustrated by several experiments on the "floating" of objects, including the experiment of V. Arkadiyev, in which above a lead disc, kept in liquid helium, at a temperature

Card 1/2

R/002/62/000/004/002/004
D272/D304

close to the absolute zero, a permanent magnet disc, made of Fe-Ni-Al alloy is kept suspended by the magnetic field in the lead disc created by the currents in it (the lead is superconductive), and opposed to the field of the permanent magnet. Finally, future trends are indicated, mainly in the fields of space travel, the author mentioning the characteristics of the graviplanes described by Stanyukovich. There are 5 figures.

R/002/62/000/011/002/004
D272/D308

AUTHOR: Trofin, Ion, Engineer

TITLE: ИЛ-62 (IL-62) the winged giant

PERIODICAL: Ştiinţa şi Tehnica, no. 11, 1962, 8-9

TEXT: Some technical details are presented on the IL-62 airliner: cruising speed - 900 km/h, passenger capacity - 182, engines - 4 turboreactor type with double flux, situated on the fuselage behind the wings, useful: total weight ratio - 0.475, λ - 435. Its characteristics are discussed and compared with several equivalent airliners, both Soviet and Western. There are 5 figures.

Card 1/1

TROFIN, Ion, ing.

Against the noise of airplanes. St si Teh Buc 14 no.9:16-18 S '62.

TROFIN, Ion, ing.

The IL-62; the winged giant. St si Teh Buc 14 no.11:8-9 N'62.

TROFIN, Ion, ing.

A new airliner, the TU-134. St si Teh Buc 17 no.3:21 Mr '65.

TROFIN, P.; PISLARASU, L.

Increased capacity of the Timisesti-Iasi water-supply line. pp. 334

HIDROTEHNICA. (Asociatia Stiintifica a Iginerilor si Tehnicienilor din Romina) Bucuresti, Romania Vol. 4, no. 11, Nov. 1959

Monthly List of East European Accessions (EEAI) LC, Vol.9, no.2, Feb. 1960

Uncl.

[illegible] EWP(n) Pa-4 IJP(c)

ACCESSION NR: AP[illegible] UR/0032/65/031/007/0816/0818

620.197

AUTHOR: [illegible], A. A.; Shipalina, G. V.; [illegible]

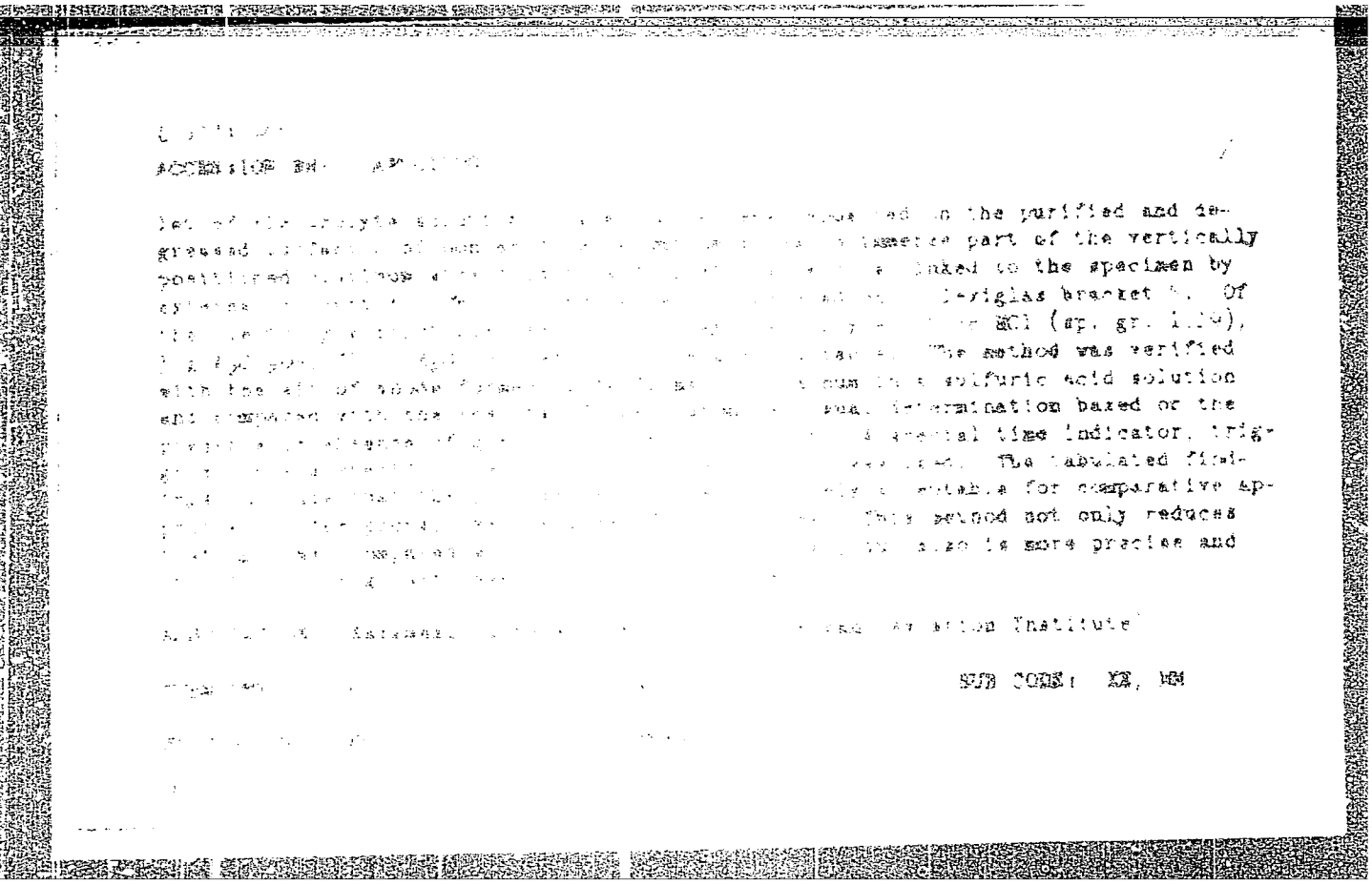
TITLE: Quick method of evaluating the protective properties of anodic oxide film

SOURCE: [illegible]

TOPIC TAGS: [illegible] circuit, electrolyte solution, [illegible] solution of potassium bi-[illegible]

ABSTRACT: [illegible] the quick determination of the [illegible] based on utilizing the e.m.f. [illegible] galvanic circuit. The presence [illegible] of an e.m.f. On using an electrolyte that dissolves [illegible] protective properties of this film can be determined [illegible] at which a specific e.m.f. arises in the circuit. [illegible] electrolytes was tested out. A drop-

Card 1/3



...ed in the purified and de-
...meter part of the vertically
...linked to the specimen by
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...in HCl (sp. gr. 1.19),
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...suitable for comparative ap-
...This method not only reduces
...it also is more precise and

...American Institute

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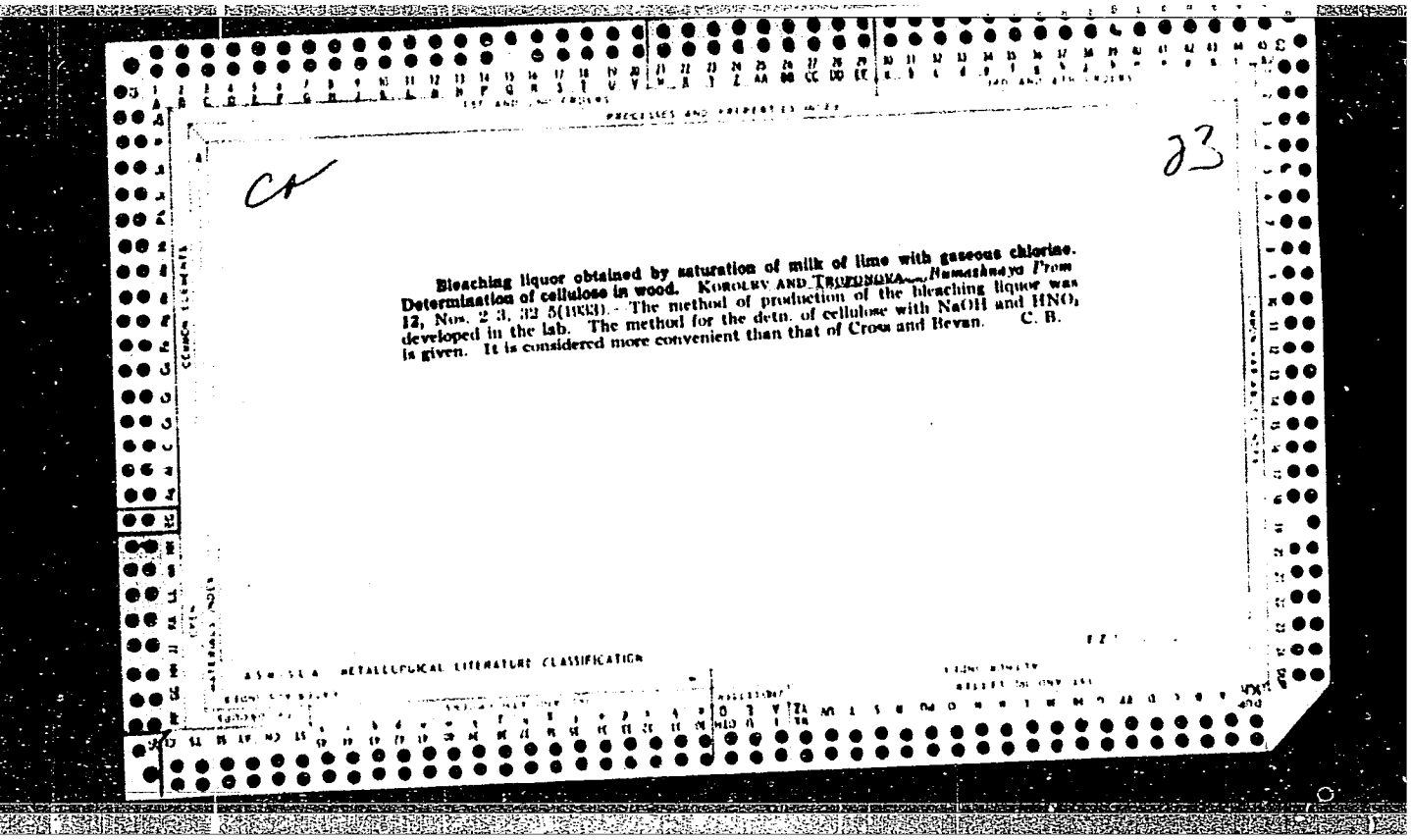


CA

23

Bleaching liquor obtained by saturation of milk of lime with gaseous chlorine. Determination of cellulose in wood. KOROLEV AND TROITSKAYA, *Namestnaya Prom* 12, Nos. 2-3, 32-5(1933).—The method of production of the bleaching liquor was developed in the lab. The method for the detn. of cellulose with NaOH and HNO_3 is given. It is considered more convenient than that of Cross and Bevan. C. B.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

TROFUMOV, I. E.

"On the morphology of Chromosomes in the chicken family." Department of Genetics (Chief: Prof. N. P. Dubnin), Institute of Experimental Biology (Dir: academician. N. K. Koltsov), Moscow (p. 79) by Sokolov, N. N.; Tinyakov, G. G.;and Trofumov, I. E.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 1

TROFUSHA, F., podpolkovnik

Infantry support tanks cannot advance in two consequtive lines. (MIRA 14:2)
Voen.vest. 39 no.8:20-21 Ag '60.
(Tank warfare)

TROG, Josef, inz.

Ten-watt terminal unit for television sets. Ca spoje 10 no.2: 21-23,25 Ap '65.

1. Administration of Radiocommunication, Bratislava.

1. TROGANOV, A. S.

2. USSR (600)

4. Geology, Structural

7. Method of computing the stress of declivities in conformity with their geological formation. /Abstract/. Izv. Glav. upr. geol. fon. no.3. 1947

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

TROGER, K.

Prospects for the development of industry and transportation in India. Tr. from the German. p. 19.
(Geografiia, Vol. 7, no. 4, 1957. Sofiia, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

TROGER, K. H.

(14)

Prague, Casopis pro Mineralogii a Geologii, Vol VII, No 2, 62.
Copyright: Publishing House of the Czechoslovak Academy of Sciences (Nakladatelstvi Ceskoslovenska akademie ved), 1962.

1. "Estimating the Volume of the Individual Minerals in Barrandienum Ores," Otto CEJCHAN; pp 121-129.

2. "Remarks on the Find of Armenite Fauna in the Tesin-Hradiste Layers of the Moravian-Silesian Beskyds," Helena ELIASOVA; pp 130-131.

3. "Mineralogy of Cadmium in a Mo Ba Deposite in North Vietnam," Zdenek JOHAN of the Ores Research Institute (Ustav pro vyzkum rud), Prague; pp 132-138.

4. "New Finds of Phaetonollus Dentatulus (Novak, 1890) in the Barrandienum near Lodenice," Jiri KRIZ; pp 139-144.

5. "Remarks on the Algonquin Formation of the Northern Portion of the Vltava-River Valley," Pavel ROHLICH; pp 145-157.

6. "Local Spectrographic Microanalysis of Mineralogical Cuts," Ivan RUBESKA and Alena SPACKOVA of the Central Geological Institute (Ustredni ustav geologicky), Prague; pp 158-164.

7. "Movements on the Border Between the Middle and Upper Devonian in the Bohemian Massive," Karl-Armin TROGER and Pavel ROHLICH; pp 165-175.

8. "Fossilized Conic Karst Near Hranice, Moravia," Jaroslav TYRACEK of the Central Geological Institute, Prague; pp 176-185.

9. "Geology and Selenology," Konrad BENES; pp 186-188.

10. "Bacteria in the Recent Sea Sediments," Zdenek KUKAL; pp 189-192.

11. "Adjustment of Comparative Spectrum Tables for Another Type of Spectrograph Using the Example of Kalinin's Atlas for the Q-24 Spectrograph," Rudolf KOST; pp 193-194.

12. "Note on the Yellow Molybdic Ochre from Krupka in Bohemia," Frantisek CECH of the Mineralogical Institute, Charles University (Mineralogicky ustav, Karlova Universita), Prague; pp 195-197. (English summary)

TROGIMOV, V.N.

Linear methods of approximation to continuous periodic functions of two variables. Dokl. AN SSSR 137 no.3:531-532 Mr '61. (MIRA 14:2)

1. Dnepropetrovskiy sel'skokhozyaystvennyy institut. Predstavleno akademikom S.N.Bernshteynom.
(Functions, Periodic)

KOGAN, Leonid.M.; ULEZLO, I.V.; KOZLOVA, I.K.; SUVOROV, N.N.; PORTNOVA,S.L. SKRYAGIN, G.K.; TROGOV,I.V.

Microbiological transformations of steroids. Report No.3: Reduction of 17α,21-deoxysteroids by Actinomyces albus 3006. Izv. AN SSSR Ser. khim. no.11:2008-2015 N '64 (MIRA 18:1)

1. Institut khimii prirodnykh soyedinenii AN SSSR i Institut mikrobiologii AN SSSR.

1. E. G. TROGOVITSKAYA, Eng.

2. USSR (600)

4. Brickmaking

7. Producing bricks from clay with hard ingredients. Biul. stroi. tekh. 10 no. 1. 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

SOYBEL'MAN, Samuil Minas yevich; TROGUN, Moisey Natanovich; SNITKO, I.K., doktor tekhn. nauk, prof., nauchn. red.

[Examples of the calculation of sectional frames by the moment-distribution method] Primery rascheta slozhnykh ram po metodu raspredeleniia momentov. Moskva, Stroiizdat, 1965. 73 p. (MIRA 18:4)

TROFIMOV, A.G.

Two and a half years without major repairs. Metallurg no.3: 32-33 Mr '56. (MLRA 9:9)

1. Nachal'nik martenovskogo tsekha No. 1 Magnitogorskogo metallurgicheskogo kombinata.
(Magnitogorsk--Metallurgical plants)

TROHIMCIUK, I.I. [Trokhimchuk, I.I.]

Continuous applications and analytic functions. Analele mat 16 no.1:75-94 '62.

TROIANOV, A.; BAKARDZHIEV, L.

"New method for preparing AL-10 aluminum alloy."

p. 39 (Tezhka Promishlenost) Vol. 6, no. 9, Sept. 1957. Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

METEOROLOGICAL OBSERVATIONS AND INSTRUMENTS

AMS

551.501.6/7

3.5-37

Troian, I.K., Grafik-interpolator skorosti i napravleniia vetra dlia standartnykh vysot. (Graphic interpolation of the speed and direction of the wind for standard heights.) Meteorologiia i Gidrologiia, No. 2:51-52, Oct. 1950. fig. DLC- A description of an auxiliary computation device which has on the vertical scale the altitude (1mm:10m), and on the horizontal, the wind velocity and wind direction. Examples of its use are given. Subject headings: 1. Computation charts 2. Graphic interpolation 3. Upper air wind analysis. - N.T.Z.

SUSAN, B.; DOBOSIU, C.; TROIANESCU, O.; TURCANU, B.; ORFANU, N.; PANAITIU, P.

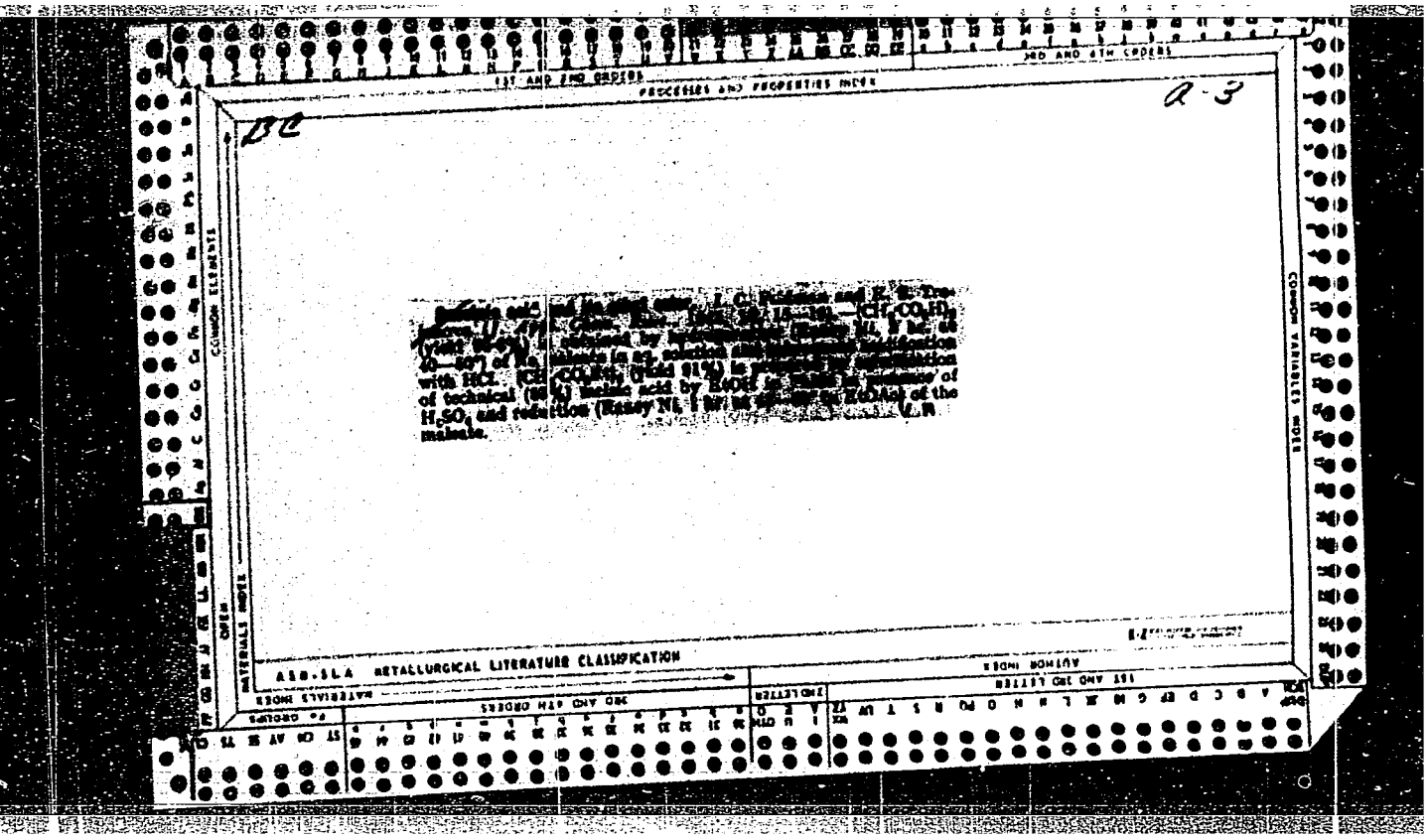
Some observations on the treatment of pseudarthrosis of the long bone. Chir. narz. ruchu ortop. polska 27 no.2:225-233 '62.

1. Z Kliniki Ortopedycznej i Traumatologicznej Szpitala I.C.Trimu w Bukarezcie.

(PSEUDARTHROSIS ther)

BATKOV, An., inzh.; TROIANOV, V.

Artificial increase of rainfall. Priroda Bulg 12 no. 1: 14-21 Ja-F '63.



TROIANOVSKII, V. V.

(Electric clocks) (54-17540)

TS544.T7 1952

1. Clocks, Electric. 2. Electric circuits.

TROIB, S.G., doktor tekhn. nauk, prof.; ZOBNIN, B.F., nauchn. red.
VAKHTINA, Ye.F., tekhn. red.

[Establishing norms for fuel consumption in furnaces] Normirovanie raskhoda topliva v pechakh; uchebnoe posobie. Sverdlovsk, Ural'skii politekhn. in-t, 1963. 72 p. (MIRA 17:4)

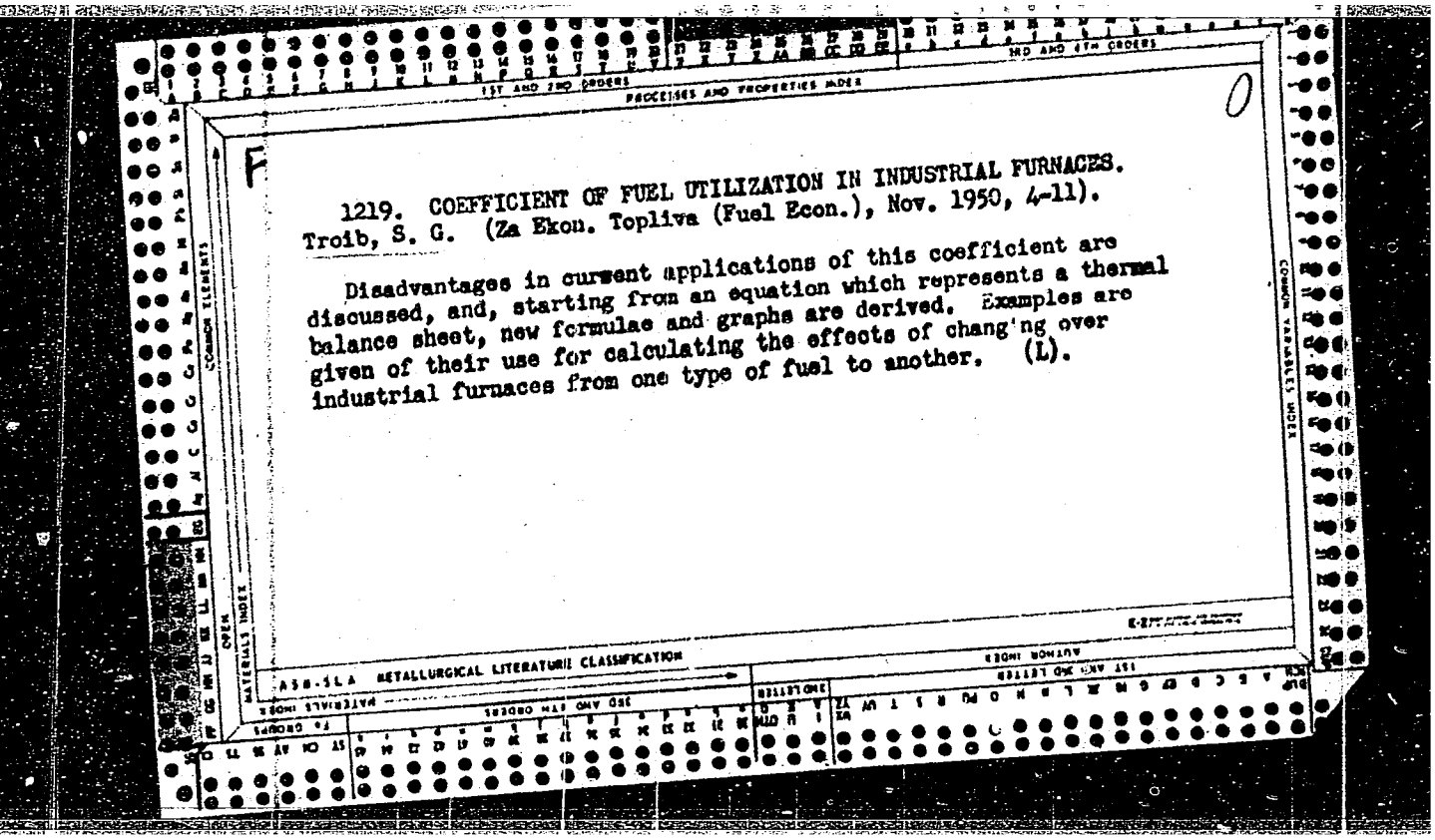
TROIB, S.G., dotsent, kandidat tekhnicheskikh nauk.

Economizing coke gas. Trudy Ural.politekh,inst. no.53:80-93 '55. (MLRA 9:5)

(Coke-oven gas) (Open-hearth process)

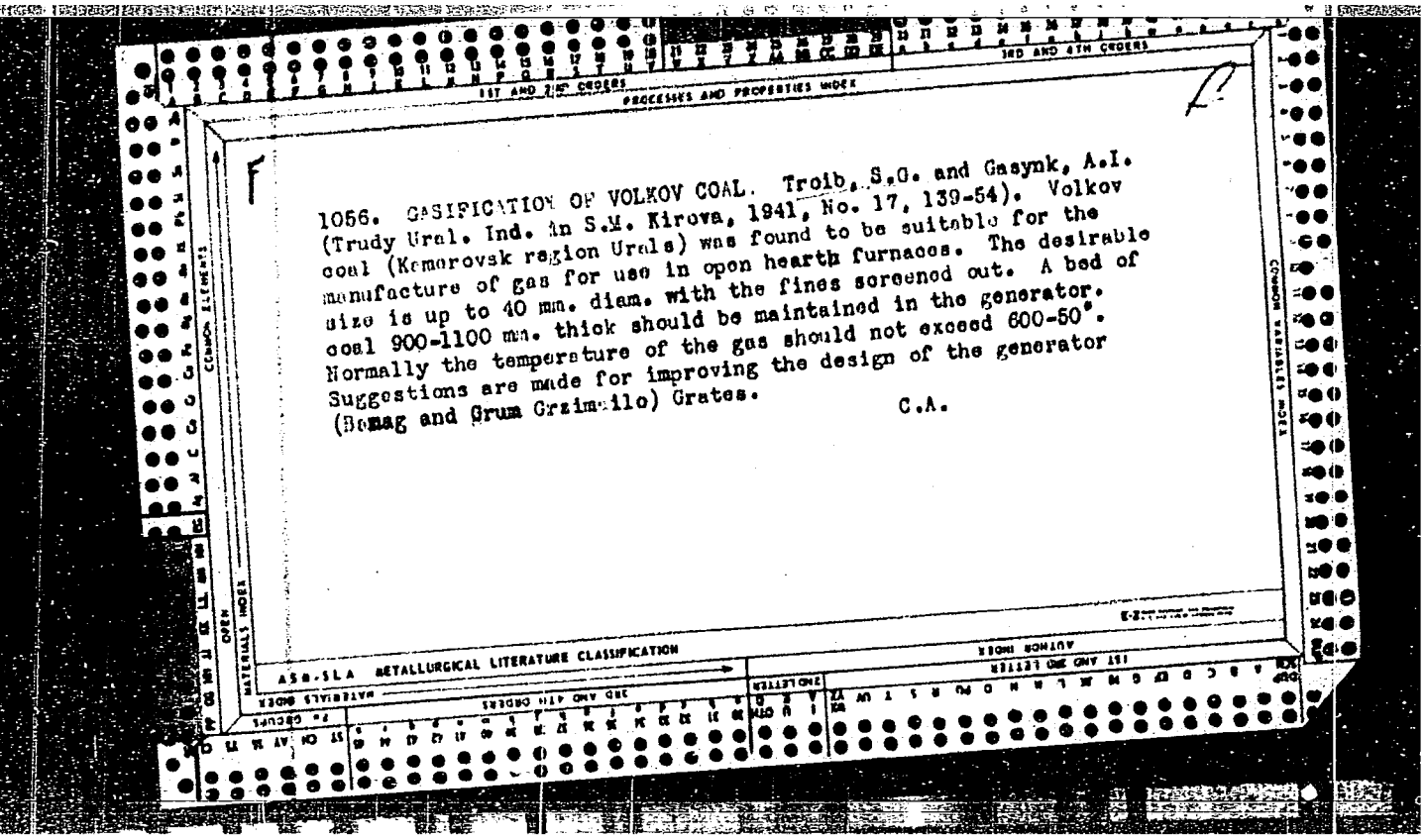
TROIB, S. G.; BAUM, V. A.; BUDRIN, D. V.; VASHENKO, A. I.; GLINKOV, M. A.; GRANOVSKIY, B.L.; KITAYEV, B. I.; KUZMIN, M. A.; MIKHAYLENKO, A. Ya.; NAZAROV, I. S.; PLOTNIKOV, L. A.; SEMIKIN, I. D.; TAYS, N. U.;

Metallurgiueskie Peui (Metallurgical Furnaces), 975 p., 1951.



1219. COEFFICIENT OF FUEL UTILIZATION IN INDUSTRIAL FURNACES.
Troib, S. G. (Za Ekon. Topliva (Fuel Econ.), Nov. 1950, 4-11).

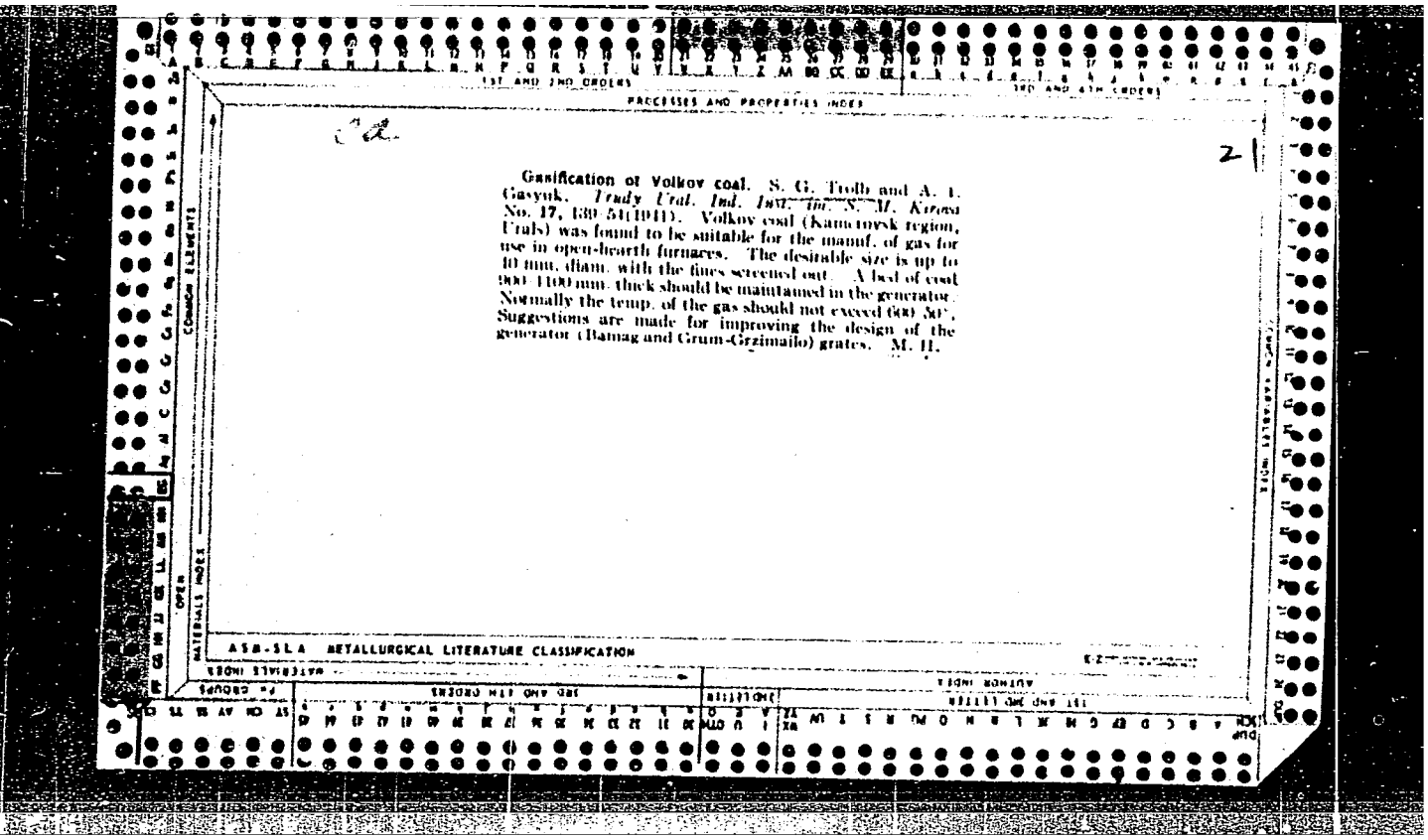
Disadvantages in current applications of this coefficient are discussed, and, starting from an equation which represents a thermal balance sheet, new formulae and graphs are derived. Examples are given of their use for calculating the effects of changing over industrial furnaces from one type of fuel to another. (L).



F

1056. GASIFICATION OF VOLKOV COAL. Troib, S.G. and Gasynk, A.I. (Trudy Ural. Ind. in S.M. Kirova, 1941, No. 17, 139-54). Volkov coal (Kemerovsk region Urals) was found to be suitable for the manufacture of gas for use in open hearth furnaces. The desirable size is up to 40 mm. diam. with the fines screened out. A bed of coal 900-1100 mm. thick should be maintained in the generator. Normally the temperature of the gas should not exceed 600-50°. Suggestions are made for improving the design of the generator (Bomag and Grum Grzimailo) Grates.

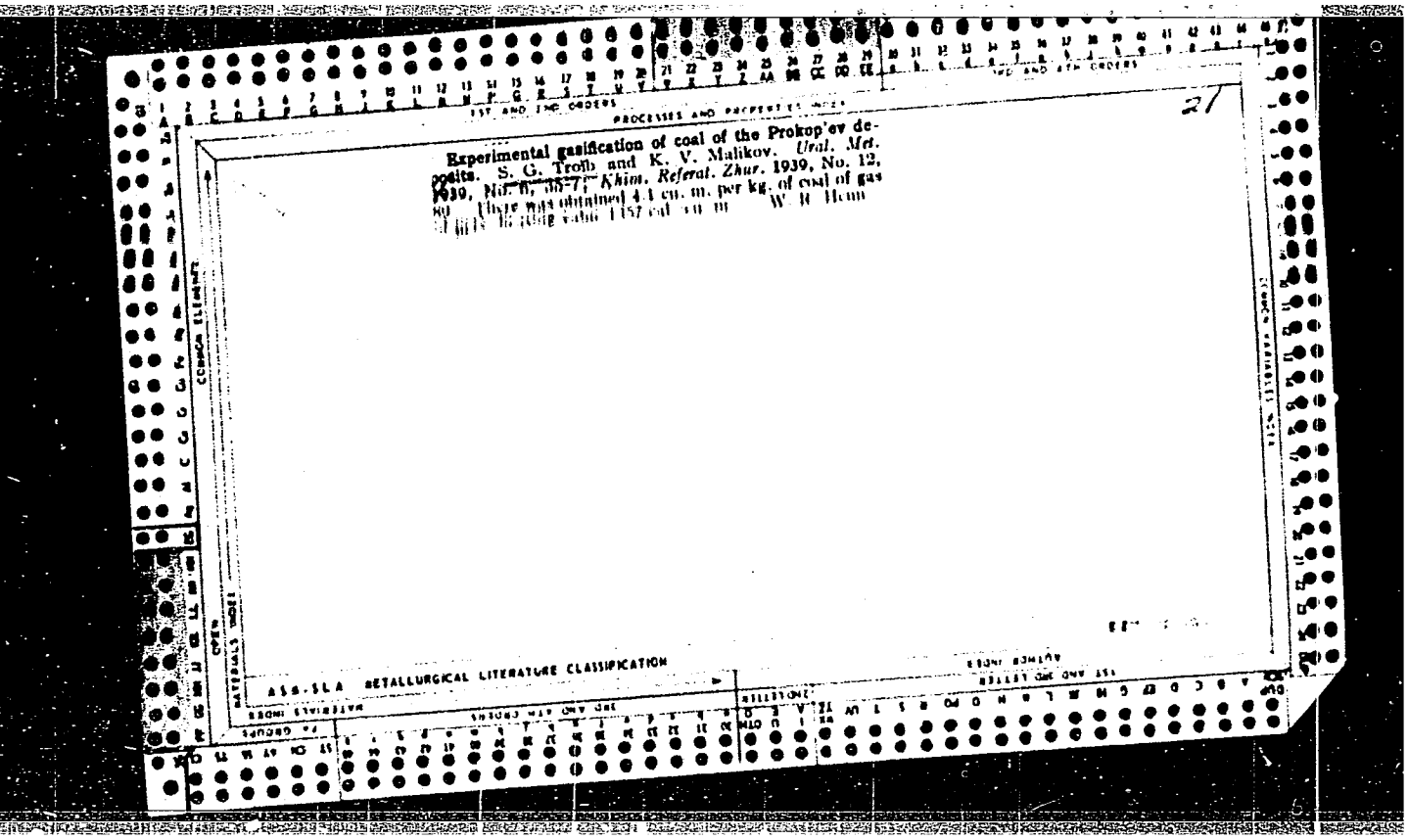
C.A.

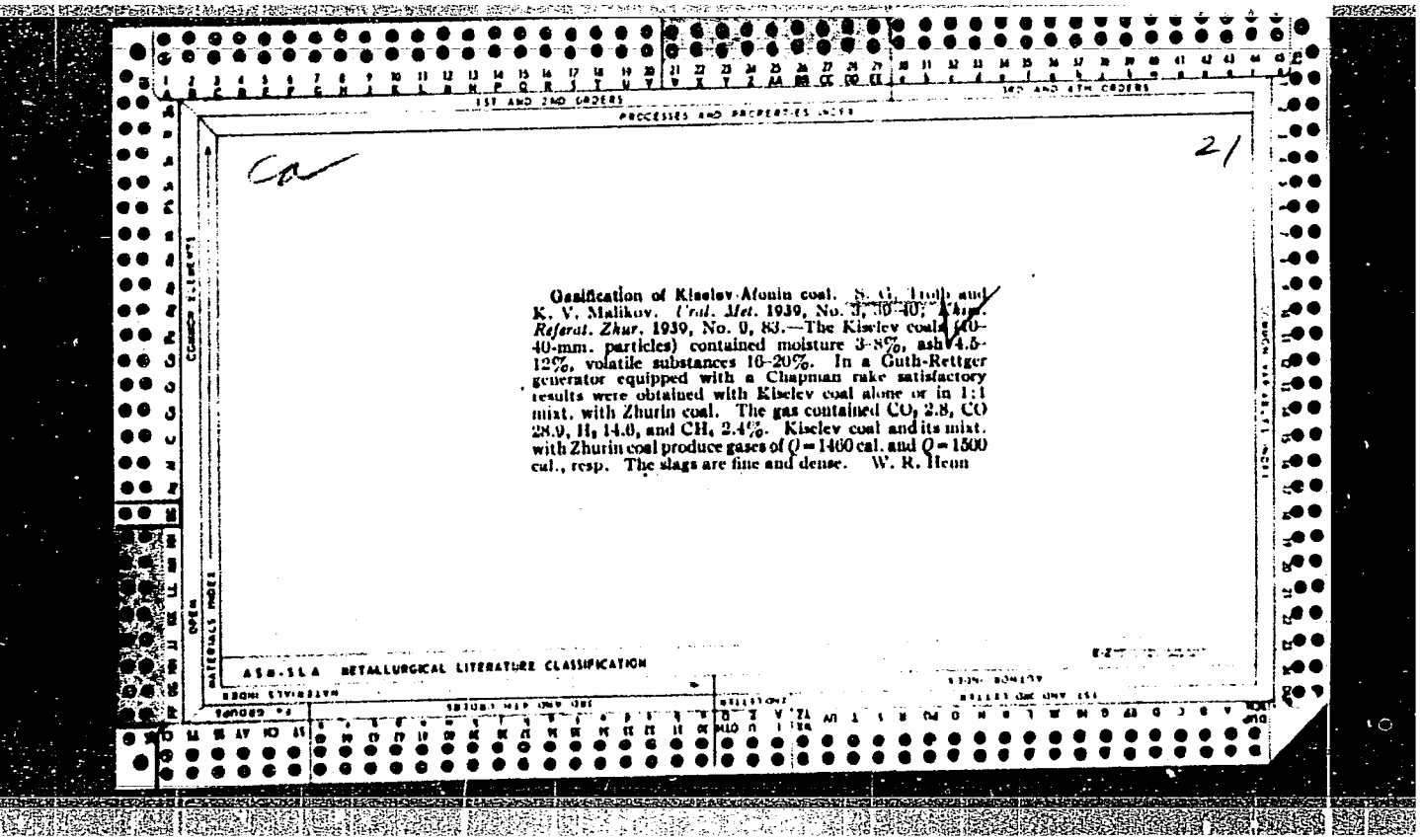


PROCESSES AND PROPERTIES INDEX

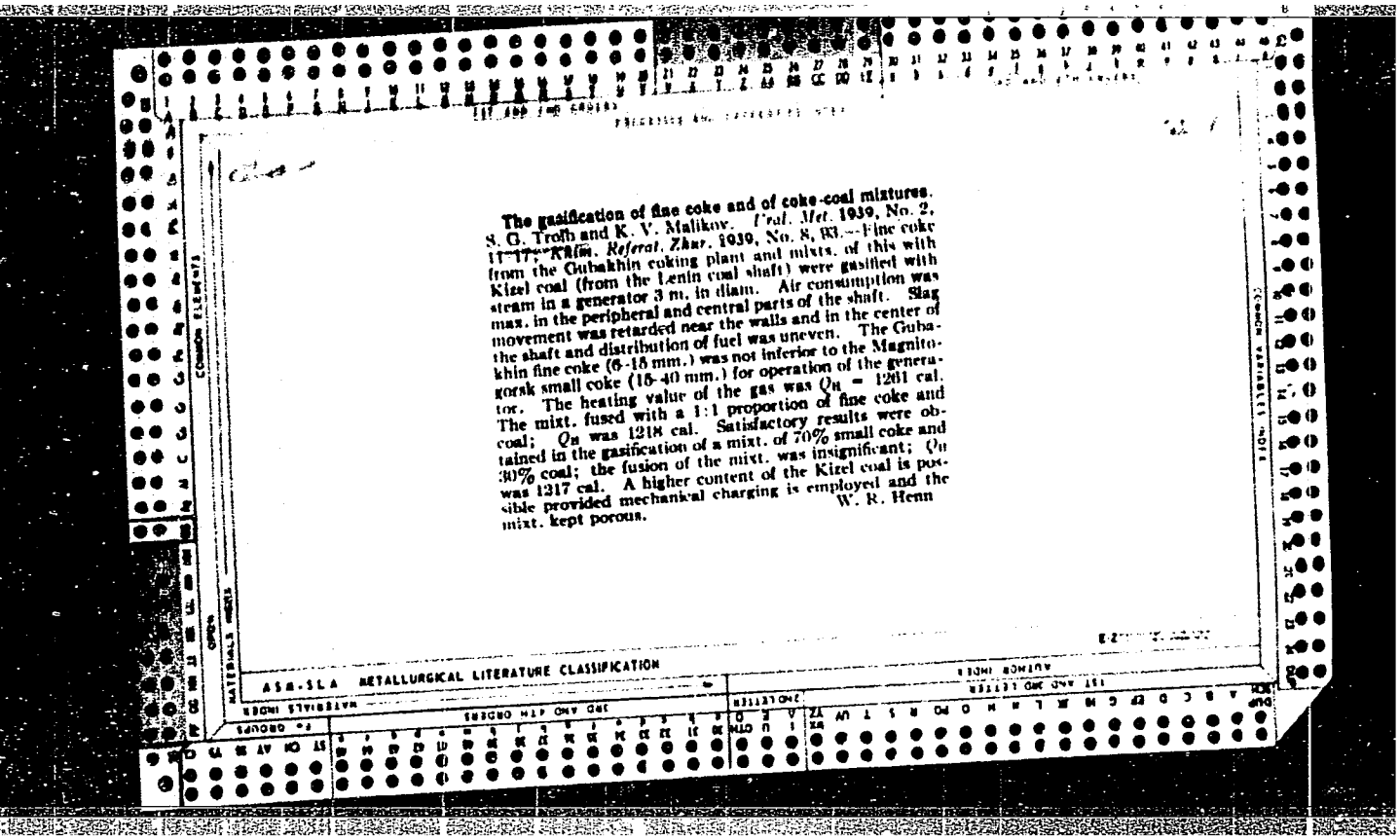
Gasification of Volkov coal. S. G. Trofb and A. I. Gasyuk. *Trudy Ural. Ind. Inst. im. S. M. Kirova* No. 17, 139-51(1941). Volkov coal (Kamenorsk region, Urals) was found to be suitable for the manuf. of gas for use in open-hearth furnaces. The desirable size is up to 10 mm. diam. with the fines screened out. A bed of coal 900-1100 mm. thick should be maintained in the generator. Normally the temp. of the gas should not exceed 600°. Suggestions are made for improving the design of the generator (Bamag and Grum-Grzimailo) grates. M. H.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



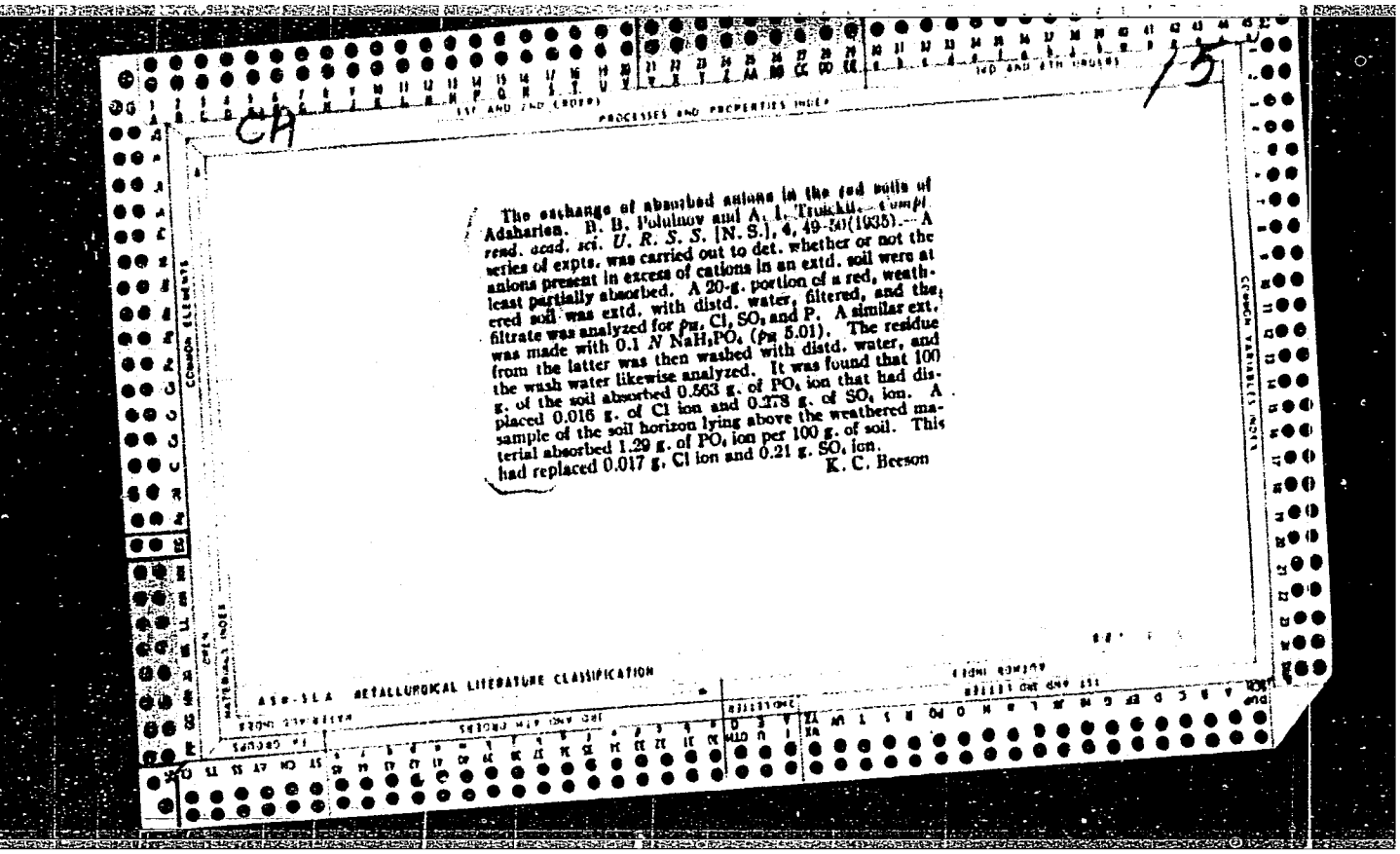


Gasification of Kiselev-Afonin coal. S. G. Trofo and K. V. Malikov. *Ural. Met.* 1939, No. 3, 30–40; *Referat. Zhur.* 1939, No. 0, 83.—The Kiselev coal (40–40-mm. particles) contained moisture 3–8%, ash 4.5–12%, volatile substances 16–20%. In a Guth-Rettger generator equipped with a Chapman rake satisfactory results were obtained with Kiselev coal alone or in 1:1 mixt. with Zhurin coal. The gas contained CO_2 2.8, CO 28.9, H_2 14.0, and CH_4 2.4%. Kiselev coal and its mixt. with Zhurin coal produce gases of Q = 1460 cal. and Q = 1500 cal., resp. The slags are fine and dense. W. R. Heun



The gasification of fine coke and of coke-coal mixtures. S. G. Troth and K. V. Malikov. *Ural. Met.* 1939, No. 2, 11–17; *Khim. Referat. Zhur.* 1939, No. 8, 93.—Fine coke from the Gubakhin coking plant and mixts. of this with Kizel coal (from the Lenin coal shaft) were gasified with steam in a generator 3 m. in diam. Air consumption was max. in the peripheral and central parts of the shaft. Slag movement was retarded near the walls and in the center of the shaft and distribution of fuel was uneven. The Gubakhin fine coke (6–18 mm.) was not inferior to the Magnitogorsk small coke (18–40 mm.) for operation of the generator. The heating value of the gas was Q_H = 1281 cal. The mixt. fused with a 1:1 proportion of fine coke and coal; Q_H was 1218 cal. Satisfactory results were obtained in the gasification of a mixt. of 70% small coke and 30% coal; the fusion of the mixt. was insignificant; Q_H was 1317 cal. A higher content of the Kizel coal is possible provided mechanical charging is employed and the mixt. kept porous.

W. R. Henn



The exchange of absorbed anions in the red soils of Adaharian. B. B. Polulnov and A. I. Truskii. Compt. rend. acad. sci. *U. R. S. S.* [N. S.], 4, 49-50(1935).—A series of expts. was carried out to det. whether or not the anions present in excess of cations in an extd. soil were at least partially absorbed. A 20-g. portion of a red, weathered soil was extd. with distd. water, filtered, and the filtrate was analyzed for p_H, Cl, SO_4 and P. A similar ext. was made with 0.1 *N* NaH_2PO_4 (p_H 5.01). The residue from the latter was then washed with distd. water, and the wash water likewise analyzed. It was found that 100 g. of the soil absorbed 0.563 g. of PO_4 ion that had displaced 0.016 g. of Cl ion and 0.278 g. of SO_4 ion. A sample of the soil horizon lying above the weathered material absorbed 1.29 g. of PO_4 ion per 100 g. of soil. This had replaced 0.017 g. Cl ion and 0.21 g. SO_4 ion.

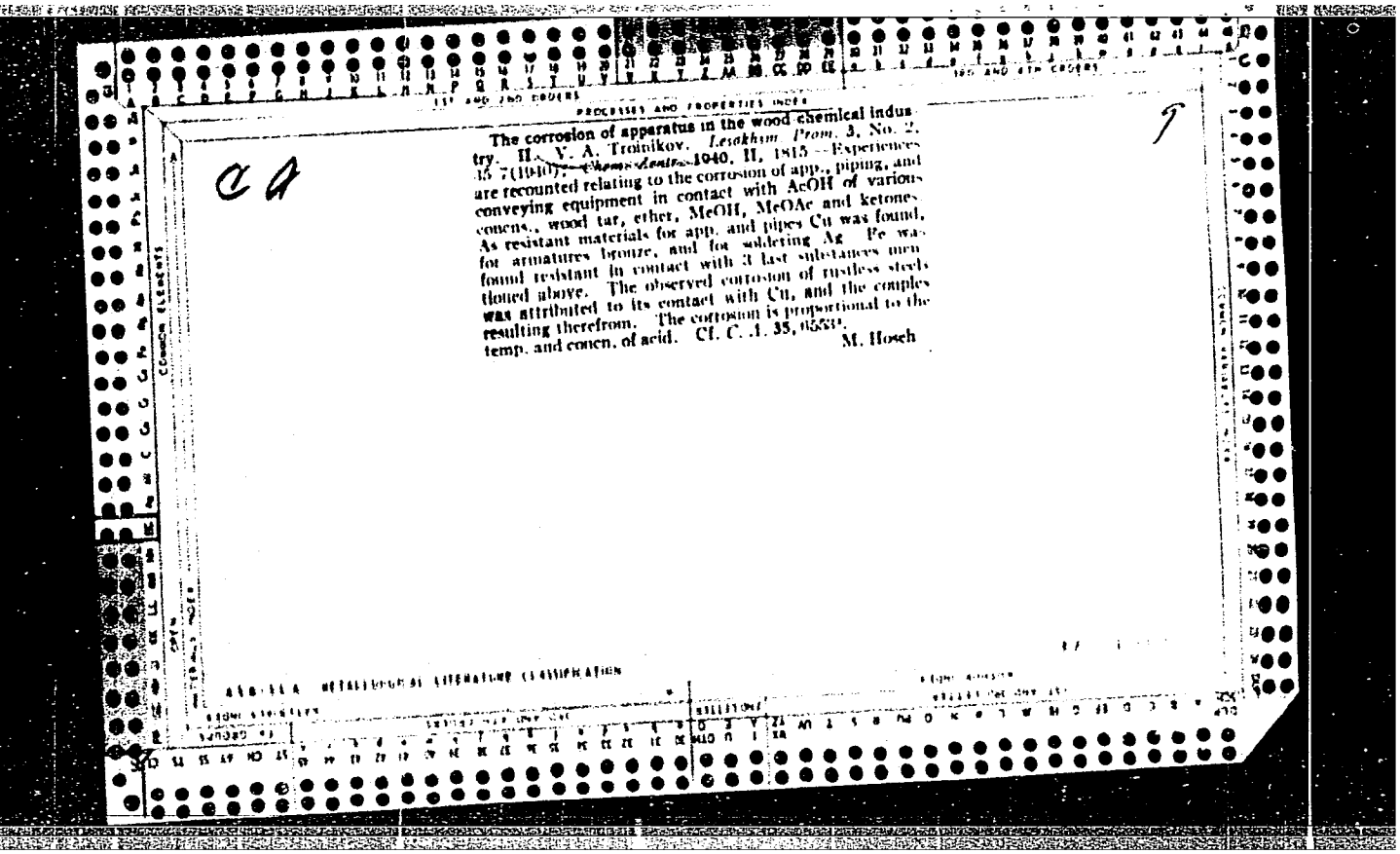
K. C. Beeson

MH

11

The Corrosion of Apparatus in the Wood-Chemical Industry.—II. V. A. Troinikov (*Lesokhim. Prom.* (*Wood-Chem. Ind.*), 1940, **3**, (2), 35-37; *Chem. Zentr.*, 1940, **111**, (II), 1815; *C. Abs.*, 1942, **36**, 5456).—[In Russian.] Experiences are given relating to the corrosion of apparatus, piping, and conveying equipment in contact with acetic acid of various concentrations, wood tar, ether, methyl alcohol, methyl acetate, and ketones. Copper was found to be a suitably resistant material for apparatus and pipes, bronze for armatures, and silver for soldering. Iron was found resistant in contact with the three last substances mentioned above. The observed corrosion of rustless steel was attributed to its contact with copper, and the couples resulting therefrom. The corrosion is proportional to the temperature and concentration of acid.

1943



The corrosion of apparatus in the wood chemical industry. II. V. A. Troinikov. *Lesokhim. Prom.* 3, No. 2, 15-7(1940). *Chem. Abstr.* 1940, II, 1815.—Experiences are recounted relating to the corrosion of app., piping, and conveying equipment in contact with AcOH of various concns., wood tar, ether, MeOH, MeOAc and ketones. As resistant materials for app. and pipes Cu was found, for armatures bronze, and for soldering Ag. Fe was found resistant in contact with 3 last substances mentioned above. The observed corrosion of rustless steels was attributed to its contact with Cu, and the complex resulting therefrom. The corrosion is proportional to the temp. and concn. of acid. Cf. C. A. 35, 0553⁹.

M. Hosch

TROINAR, E.

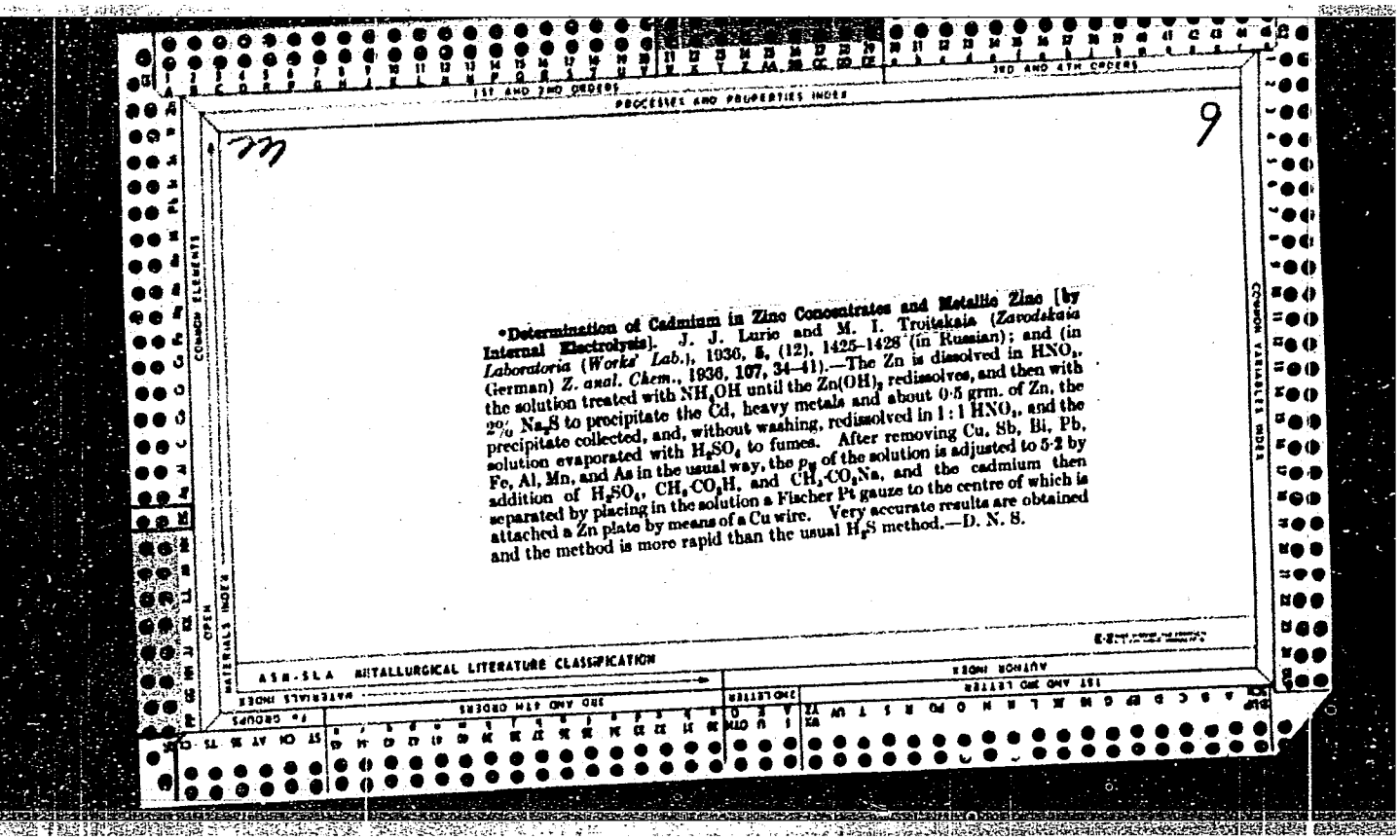
Current influenced scattering of superconductivity. Acta physica Pol 23 no.5:567-579 My '63.

1. Zaklad Niskich Temperatur, Instytut Fizyki, Polska Akademia Nauk, Wroclaw, ul. Prochnika 95.

TROITSA, Ye.D.

Case of congenital megaduodenum with symptoms of duodenal stasis. Khirurgiia 35 no.3:115-116 Mr '59. (MIRA 12:8)

1. Iz khirurgicheskogo otdeleniya 2-y bol'nitsy (glavnyy vrach M.I.Shevchuk), Komsomol'sk-na-Amure.
(DUODENUM, dis.
congen. dilatation, with symptoms of duodenal stasis (Rus))



•**Determination of Cadmium in Zinc Concentrates and Metallic Zinc [by Internal Electrolysis].** J. J. Lurie and M. I. Troitskaia (*Zavodskaia Laboratoria* (*Works' Lab.*), 1936, **5**, (12), 1425–1428 (in Russian); and (in German) *Z. anal. Chem.*, 1936, **107**, 34–41).—The Zn is dissolved in HNO_3, the solution treated with NH_4OH until the $Zn(OH)_2$ redissolves, and then with 2% Na_2S to precipitate the Cd, heavy metals and about 0·5 grm. of Zn, the precipitate collected, and, without washing, redissolved in 1 : 1 HNO_3, and the solution evaporated with H_2SO_4 to fumes. After removing Cu, Sb, Bi, Pb, Fe, Al, Mn, and As in the usual way, the p_H of the solution is adjusted to 5·2 by addition of H_2SO_4, CH_3CO_2H, and $CH_3{\cdot}CO_2Na$, and the cadmium then separated by placing in the solution a Fischer Pt gauze to the centre of which is attached a Zn plate by means of a Cu wire. Very accurate results are obtained and the method is more rapid than the usual H_2S method.—D. N. S.

TROITSKAYA, A.A.

Helminths of wild fur-bearing animals of the Tatar A.S.S.R. (MIRA 16:2)
Uch.zap.Kaz.un. 120 no.6:335-358 '60.
(Tatar A.S.S.R.--Worms, Intestinal and parasitic)
(Tatar A.S.S.R.--Parasites--Fur-bearing animals)

Pt-P Reactions

Br. Abs.

Reaction between salts of platinum metals and derivatives of phosphorous acid. I. Action of triethyl phosphite and diethylphosphorous acid on tetrachloroplatinate (potassium chloroplatinite). A. A. Grünberg and A. D. Troitzkaja (*Bull. Acad. Sci. U.R.S.S., Cl. Sci. Chim.*, 1944, 178—184).—A 10% aq. solution of K_2PtCl_4 (13—15°) reacts with $P(OEt)_3$ to give a 31% yield of brick-red crystals of $[Pt\{P(OEt)_3\}_4][PtCl_4]$ (I); on removing this by filtration there is further obtained a white cryst. material, $[Pt\{P(OEt)_2OH\}_2\{P(OEt)_2O\}_2]$ (II), m.p. 93·5—94°. (I) can also be obtained by the action of K_2PtCl_4 on diethylphosphorous acid. (I) can depolymerise to give $[Pt\{P(OEt)_3\}_2Cl_2]$, m.p. 52°. In these compounds Pt cannot be determined by ignition, owing to the formation of PtP_2, but, after treatment of the compound, may be pptd. as the sulphide. V. B.

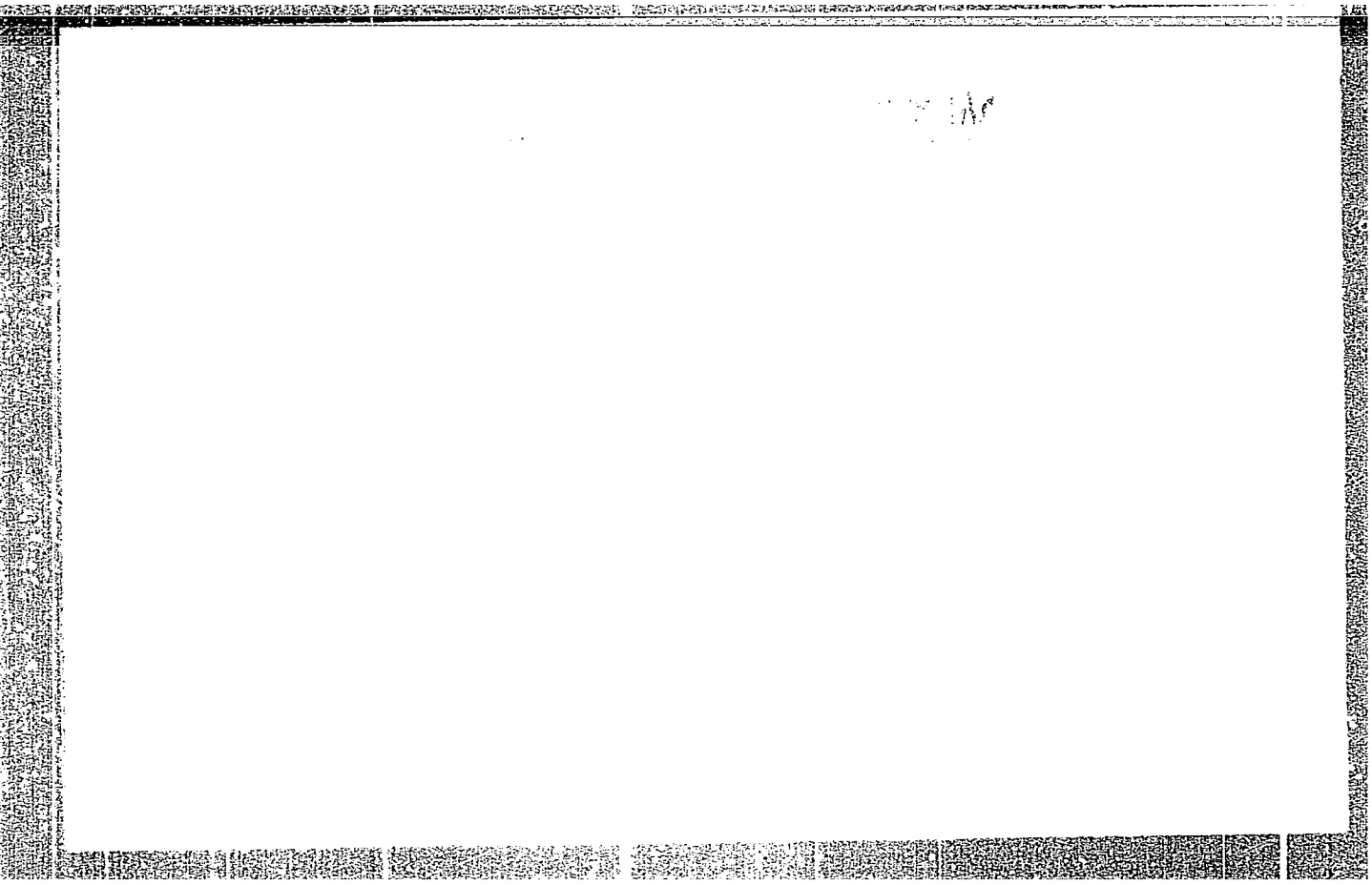
Chem Inorg. Chem., Kazan' Chem. Tech. Inst

Inst. Gen. + Inorg. Chem., im. N.S. Kurnakov, AS USSR

TROITSKAYA, A. D.

Troitskaya, A. D. "On the trans-effect of triethelphosphite and diethylphosphorous acids," Trudy Kazansk. khim.-tekhnol. in-ta im. Kirova, Issue 13, 1948, p. 47-50 - Bibliog: 5items

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, no. 3, 1949)



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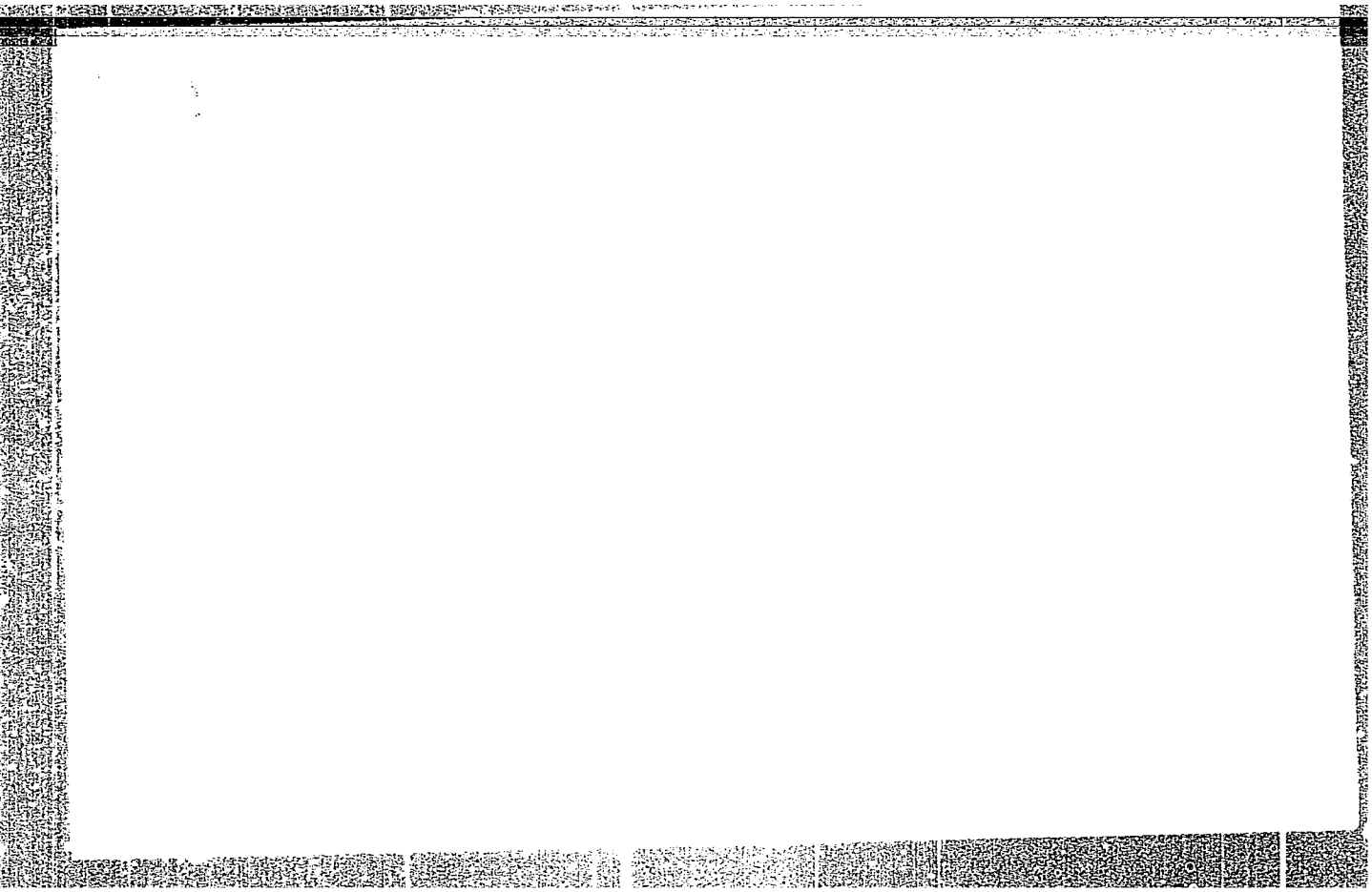


APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756710010-3"

TROITSKAYA, A.D.

Complex compounds of bivalent platinum, possessing the linkage: nitrogen - platinum - phosphorus. Zhur.prikl.khim. 28 no.8:781-786 Ag '55.
(MLRA 6:8)

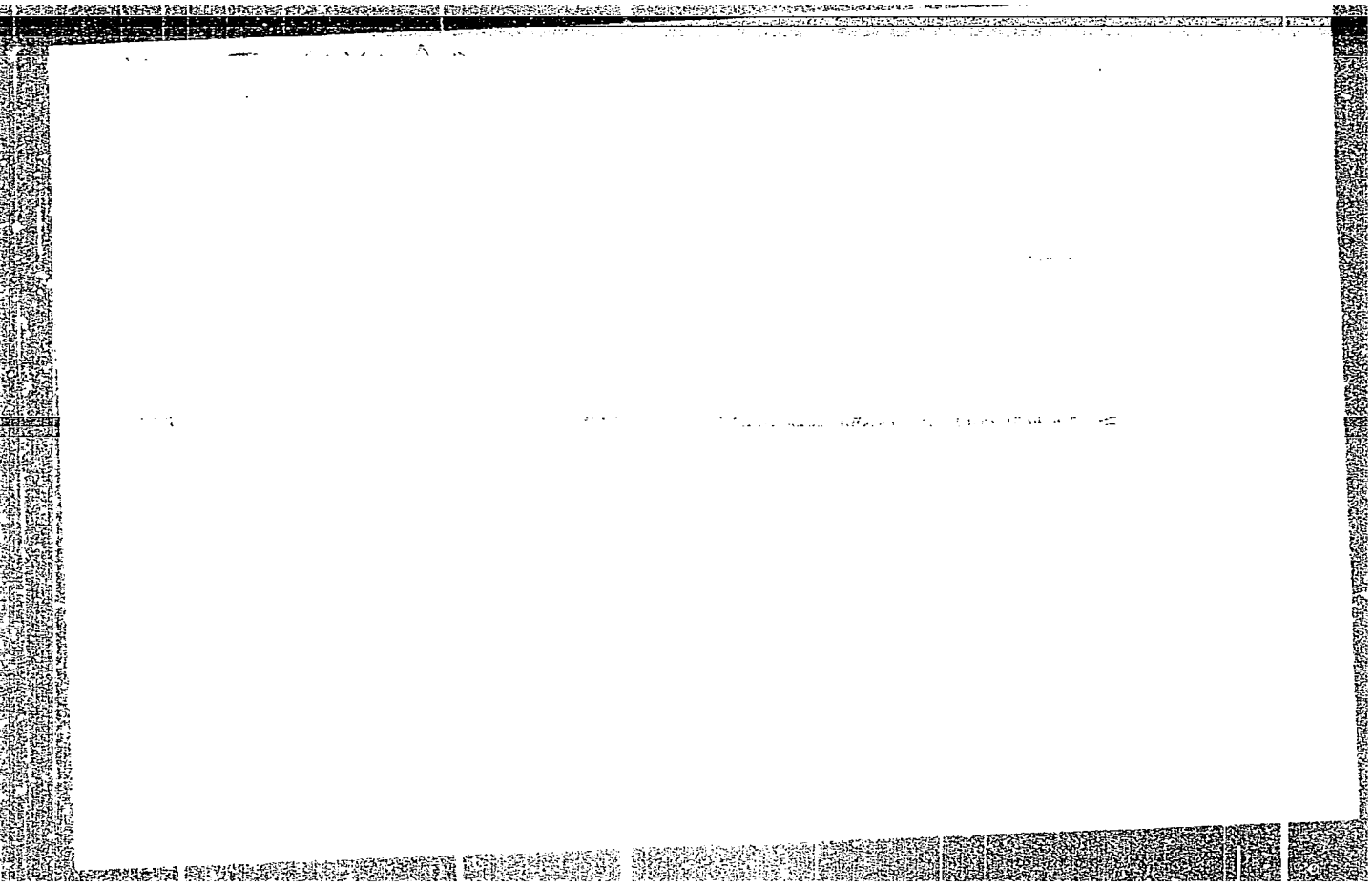
1. Kazanskiy khimiko-tekhnologicheskiy institut im. S.M.Kirova.
(Platinum organic compounds)

TROITSKAYA, A.D.

GRINBERG, A.A. (Leningrad); BABAYEVA, A.V.(Moscow); YATSIMIRSKIY, K.B. (Ivanovo); GOREMYKIN, V.I. (Moscow); BOLIY, G.B. (Moscow); FIALKOV, Ya.A. (Kiyev); YAKSHIN, M.M. (Moscow); KEDROV, B.M. (Moscow); GEL'MAN, A.D. (Moscow); FEDOROV, I.A. (Moscow); MAKSIMYUK, Ye.A. (Leningrad); VOL'KENSHTEYN, M.V. (Leningrad); ZHDANOV, G.S. (Moscow); PTITSYN, B.V. (Leningrad); ABLOV, A.V. (Kishinev); VOLSHTEYN, L.M. (Dnepropetrovsk); TROITSKAYA, A.D. (Kazan'); KLOCHKO, M.A. (Moscow); BABAYEVA, A.V.; TRONEV, V.G. (Moscow); RUBINSHTEYN, A.M.(Moscow) CHERNYAYEV, I.I.; GRINBERG, A.A.; TANANAYEV, I.V.

Explanation of the transeffect. Izv.Sekt.plat.i blag.met. no.28: 56-126 '54. (MLRA 7:9)

(Compounds, Complex) (Platinum)



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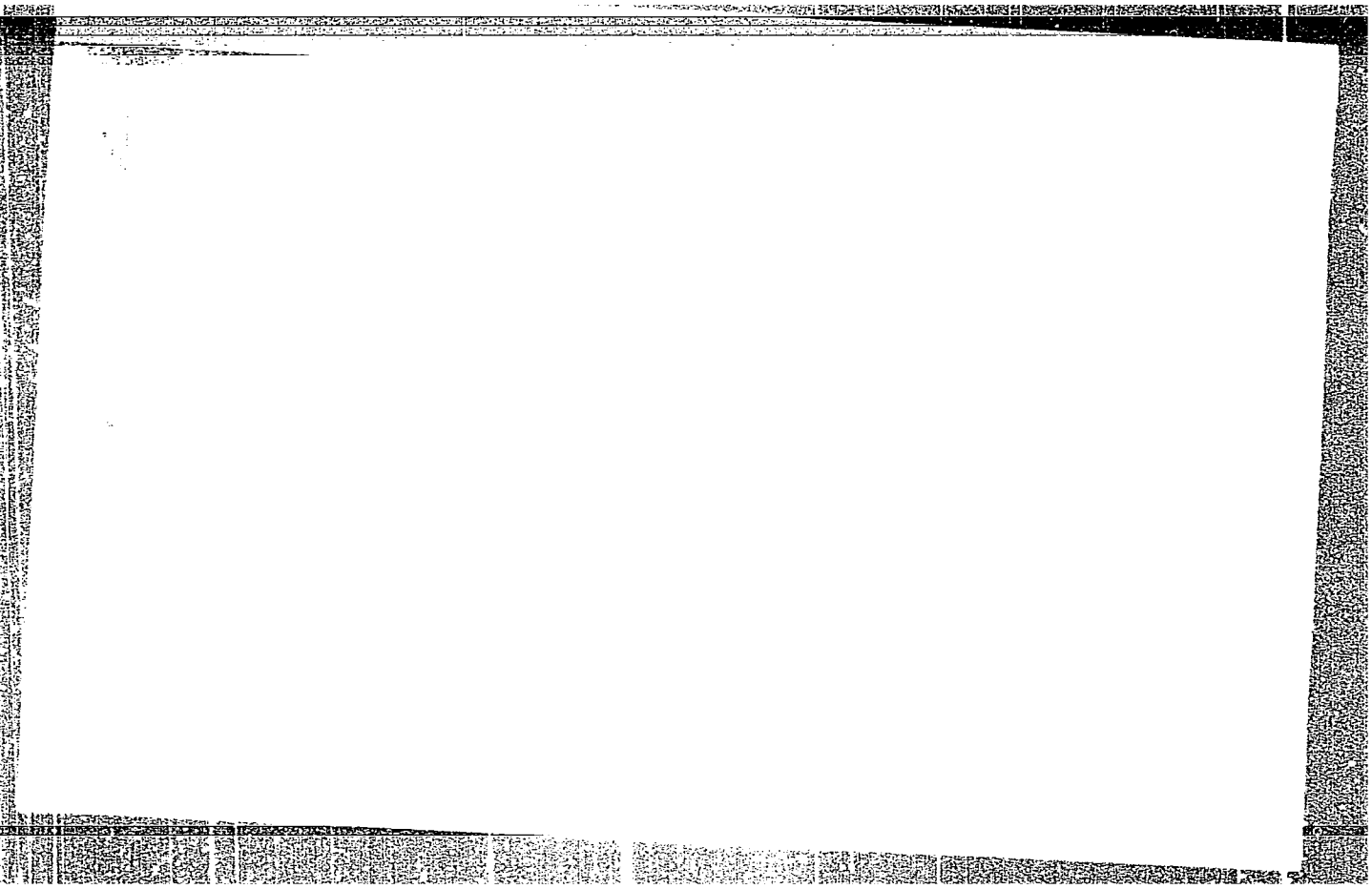

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001756710010-3"

Troitskaya, A. D.

GRINBERG, A.A.; TROITSKAYA, A.D.

[redacted]

New data on the benzoyl- and acetyl acetonates of uranyl. Trudy Radiev.inst.AN SSSR 7:5-13 '56. (MLRA 10:5)
(Uranyl compounds)

TROITSKAYA, A.D.

Histological changes in the skin following the influence of short-wave ultraviolet rays. Trudy LSGMI 52:70-73 '60. (MIRA 14:8)
(SKIN) (ULTRAVIOLET RAYS--PHYSIOLOGICAL EFFECT)

TROITSKAYA, A.D., prof.

Functional changes in skin cells under the influence of X-rays. (MIRA 14:8)
Trudy LSGMI 52:95-111 '60.
(SKIN) (X RAYS--PHYSIOLOGICAL EFFECT)

TROITSKAYA, A.D.

Changes in the function of skin cells under the influence of ultraviolet rays during medicated sleep. Trudy LSGMI 52:74-80 '60. (MIRA 14:8)

(SKIN) (ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT) (SLEEP)

TROITSKAYA, A.D., prof.

Effect of vitamin A on the reactivity of the skin to shortwave radiation and chemical irritants. Trudy LSGMI 52:112-120 '60. (MIRA 14:8)

(SKIN) (VITAMINS--A)
(ULTRAVIOLET RAYS--PHYSIOLOGICAL EFFECT)

TROITSKAYA, A.D., prof.; SHTEYNLUKHT, L.A.

On the 75th anniversary of the founding of the Tarnovskii Society of Dermatologists and Venereologists. Vest.derm.i ven. 34 no.12:46-55 '60. (MIRA 14:1)
(MEDICAL SOCIETIES)

TROITSKAYA, A.D.

Structure of phosphorous acid and its derivatives. Zhur.neorg. khim. 6 no.5:1147-1149 My '61. (MIRA 14:4)

(Phosphorous acid)

PONOMAREV, F.G.; TROITSKIY, A.F.; SHATALOV, V.P.

Copolymerization of styrene oxide with butadiene. Zhur.prikl.khim. 33 no.1:254-256 Ja '60. (MIRA 13:5)
(Benzene) (Butadiene)

TROITSKAYA, A.D.; GORBOVITSKIY, S.Ye., red.; PAVLOV, S.T., red.

[Electrotrauma of the skin] Elektrotravma kozhi. Leningrad, 1947. 166 p. (MIRA 13:4)

(ELECTRICITY, INJURIES FROM)
(SKIN--WOUNDS AND INJURIES)

TROITSKAYA, A.D.

Complex compounds of divalent platinum and phosphorus containing additives. Trudy KKHTI no.15:71-77 '50. [publ. '51] (MIRA 12:12)

(Platinum) (Phosphorus compounds) (Complex compounds)

TROITSKAYA, A.D.

D.I. Mendeleev's "hypotheses" and A. Werner's coordination theory.
Trudy KKHTI no.16:53-59 '51 [Publ. '52]. (MIRA 12:12)
(Complex compounds)

TROITSKAYA, A.D.

Trans effect of triethylphosphite and diethylphosphorous acid.
Trudy KKHTI no.13:47-50 '48. (MIRA 12:12)

1.Kazanskiy khimiko-tekhnologicheskiy institut im. S. M. Kirova, kafedra neorganicheskoy khimii.
(Phosphinic acid) (Ethyl phosphite) (Substitution (Chemistry))

TROITSKAYA, A. D.

AGGEYEV, P.K., prof.; ANDREYEVA-GALANINA, Ye.TS., prof.; BASHENIN, V.A., prof.; BENENSON, M.Ye., doktor med.nauk; VYSHEGORODTSEVA, V.D., prof.; GESSEN, A.I., dotsent; GUTKIN, A.Ya., prof.; ZHDANOV, D.A., prof., laureat Stalinskoy premii; ZNAMENSKIY, V.F., prof.; KLIONSKIY, Ye.Ye., prof.; MONASTYRSKAYA, B.I., prof.; MOSKVIN, I.A., prof.; MUCHNIK, L.S., kand.med.nauk; PETROV-MASLAKOV, M.A., prof.; RUBINOV, I.S., prof.; RYSS, S.M., prof.; SMIRNOV, A.V., prof., zasluzhennyy deyatel' nauki; TIKHOMIROV, P.Ye., prof.; TROITSKAYA, A.D., prof.; UDINTSEV, G.N., prof.; UFLYAND, Yu.M., prof.; FEDOROV, V.K., prof.; KHILOV, K.L., prof., zasluzhennyy deyatel' nauki; VADKOVSKAYA, Yu.V., prof.; MARSHAK, M.S., prof.; PETROV, M.A., kand.med.nauk; POSTNIKOVA, V.M., kand.med.nauk; RAPOPORT, K.A., kand.biolog.nauk; ROZENTUL, M.A., prof.; YANKELEVICH, Ye.I., kand.med.nauk; LYUDKOVSKAYA, N.I., tekhn.red.

[Book on health] Kniga o zdorov'e. Moskva, Gos.izd-vo med.lit-ry, Medgiz, 1959. 446 p. (MIRA 12:12)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Zhanov, Udintsev). 2. Leningradskiy sanitarno-gigiyenicheskiy meditsinskiy institut (for all, except Vadkovskaya, Marshak, Petrov, Postnikova, Rapoport, Rozentul, Yankelevich, Lyudkovskaya). (HYGIENE)

TROITSKAYA, A.D.; IRSHOVICH, V.B.

Reactions between platinum metal salts and phosphorous acid derivatives. Report No.3: Action of trimethyl phosphite and dimethylphosphorous acid on potassium chloroplatinite. Trudy KKHTI no.18:59-65 '53 [publ. '54]. (MIRA 12:11)

(Phosphorous acid) (Platinum compounds)

GRINBERG, A.A.; ITSKOVICH, T.B.; TROITSKAYA, A.D.

Structure of phosphorous acid and its derivatives. Zhur.neorg.khim. 4 no.1:79-81 Ja '59. (MIRA 12:2)
(Phosphorous acids) (Platinum compounds)

TROITSKAYA A.D.

EXCERPTA MEDICA Sec 13 Vol 13/3 Dermatology Mar 59

900. THE ROLE OF MICROSCOPIC TICKS IN THE PATHOLOGY OF SKIN (Russian text) - Troitskaya A.D., Guselnikova M.I. and Raznatovsky I.M. - VESTN. DERM. VENER. 1958, 32/1 (19-24) Illus. 5

In 30 patients suffering from an exceedingly itchy rash, microscopy of the scales revealed Sheremetewsky-Bogdanov's acarus dermatophagoides. In the first group were the patients with signs of dry seborrhoea of the scalp (16 patients), 9 patients of the second group had symptoms of seborrhoeic dermatitis, the last group of 5 patients had signs of neurodermitis. Many ticks were discovered in the down and pillows on which the patients slept. Antiparasitic therapy was followed by a prompt effect. Disinfection of clothes, underwear, bedclothes and destruction of infested pillows is necessary.

Kraus - Hradec Králové

TROITSKAYA, ALEKSANDRA DMITRIYEVNA

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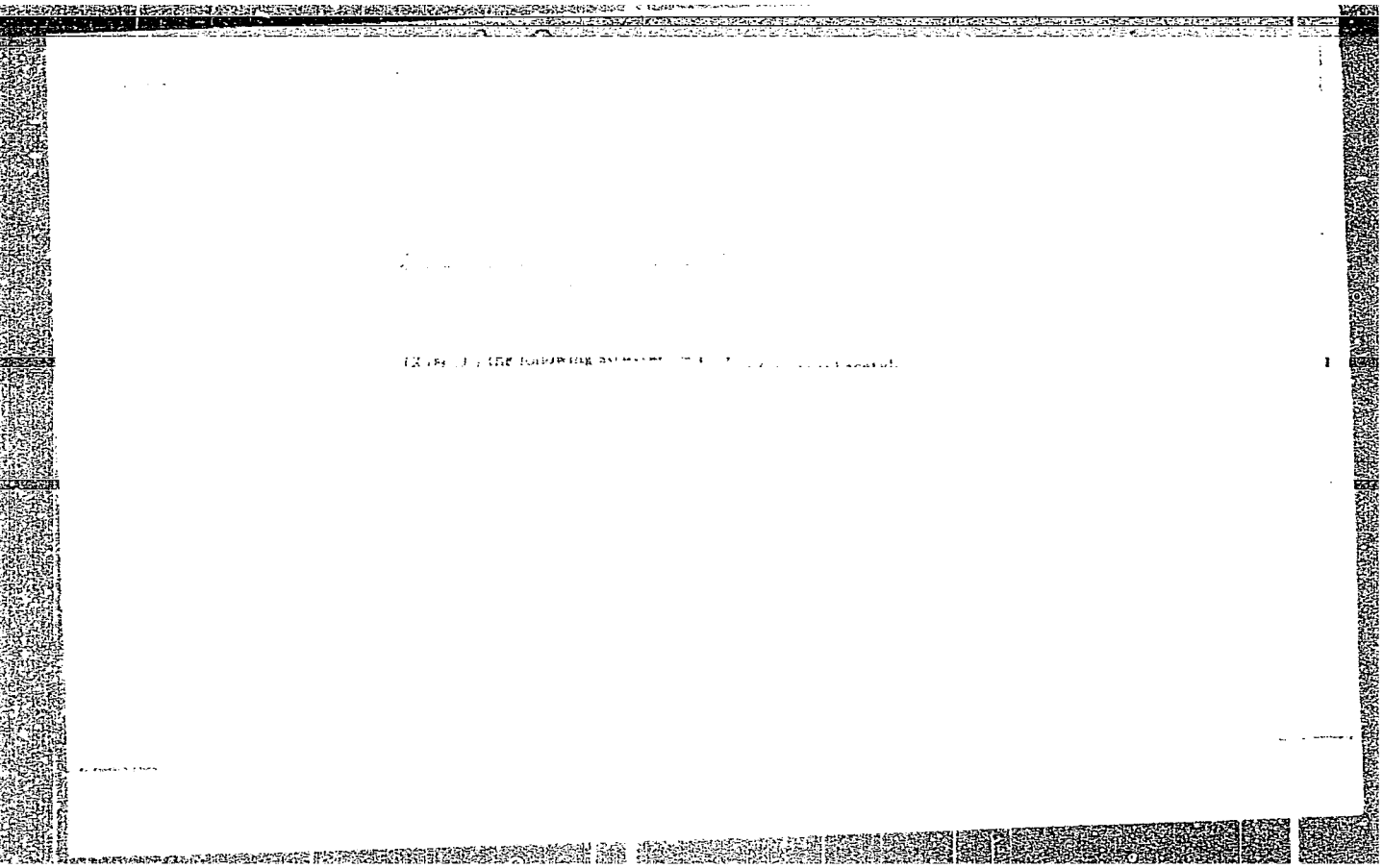
Piodermity; Staflodermii i Streptodermii (Types of Pyoderma: Staphylodermas and Streptodermas) Leningrad, Medgiz, Leningradskoye Otdeleniye, 1958.
143 p. Illus. (Biblioteka Prakticheskogo Vracha)
"Literatura": p. 137-142

TROITSKAYA, A.D., prof.; GUSEL'NIKOVA, M.I., kand.biol.nauk; RAZNATOVSKIY, I.M. ordinator

Role of Sheremet'evskii-Bogdanov's dermatophagic ticks in skin pathology [with summary in English]. Vest.derm. i ven. 32 no.1:19-24 Ja-F '58. (MIRA 11:4)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav.-prof. A.D. Troitskaya) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (dir.-prof. A.Ya.Ivanov)

(SKIN DISEASES, etiol. & pathogen.
ticks, microscopic (Rus)
(TICKS
microscopic ticks causing skin dis. (Rus)



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TROITSKAYA, A. D.

PA 47/49T73

USSR/Medicine - Plants, Skin Diseases Mar/Apr 49
From
Medicine - Dermatitis, From Parsnips

"Changes in Human Skin Due to the Action of Garden Parsnips," A. D. Troytskaya, Dr Med Sci, Leningrad Dermato-Venereol Inst, 2 pp

"Vest Venerol i Dermatol" No 2

Describes dermatitis caused by action of a toxic substance in garden parsnips. Claims whole parsnip produces an irritating action on the skin, but most frequently severe irritations are caused by the stalk's juice. This leads to assumption that the toxic substance is to be found in the

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plant's juice. Dir, Dermato-Venereol Inst: Prof S. Ye. Gorbovitskiy.

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Troitskaya, A. D. "Changes in the functional condition of the skin cells under the influence of repeated excitation by chemical materials," Eksperim. i klinich. issledovaniya (Leningr. kozhno-venerol. in-t), Vol. VII, 1949, p. 206-18, - Bibliog: 24 items.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

ПОПОВКИН Н.Г.

BASHENIN, V.A., professor, dotsent; VYSHEGORODTSEVA, V.D., professor, dotsent; KLIONSKIY, Ye.Ye.; PETROV-MASLAKOV, M.A., professor, dotsent; PISAREV, V.N., professor, dotsent; PROZOROV, V.A., professor, dotsent; SOZON-YAROSHEVICH, A.Ye., zasluzhennyy deyatel' nauki; TAL'MAN, I.M., professor, dotsent; TIKHOMIROV, P.Ye., professor dotsent; TROITSKAYA, A.D., professor dotsent; KHILOV, K.L., professor dotsent; ZEBOL'D, A.N., redaktor. RULEVA, M.S., tekhnicheskiy redaktor

[Handbook for feldshers in health and first-aid stations of industrial enterprises] Posobie dlia fel'dsherov zdravpunktov promyshlennykh predpriiatii. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1954. 271 p. (MLRA 7:10)

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(First aid in illness and injury)

TROITSKAYA, A. D. ; SHTEYNBLUKHT, L. A.

"The History of the Development of the Leningrad Derm to-Venerological Society imeni Professor V. M. Yarmovskiy (500th Meeting of the Society)."

Vestnik venerologii i dermatologii (Bulletin of Venerology Dermatology), No 1 January-February 1954 (biomper), Moscow.

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Antibiotic preparation binan (sodium salt of usnic acid) in the prevention of pyoderma. Vest. derm. i ven. no.5:61-63 '65.
(MIRA 18:11)

1. Klinika kozhnykh bolezney Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta. Submitted September 3, 1963.

TROITSKAYA, A.D.

Dispensary services in recurrent and chronic pyoderma.
Trudy LSGMI 72:123-130 '63. (MIRA 17:4)

1. Kafedra kozhnykh bolezney (zav. - prof. A.D. Troitskaya)
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TROITSKAYA, Aleksandra Dmitriyevna, prof.; ZALKIND, Ye.S., red.; KHARASH, G.A., tekhn. red.

[Piodermitis; staphylodermatitis and streptodermatitis] Piodermity; stafilodermii i streptodermii. Leningrad, Medgiz, 1958. 143 p. (MIRA 15:2)
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5(2) SOV/78-4-1-16/48

AUTHORS: Grinberg, A. A., Itskovich, T. B., Troitskaya, A. D.

TITLE: On the Question of the Structure of Phosphorous Acid and Its Derivatives (K voprosu o stroyenii fosforistoy kisloty i yeye proizvodnykh)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 1, pp 79-81 (USSR)

ABSTRACT: The reciprocal effect between an aqueous solution of potassium chloroplatinate, trimethyl phosphite and dimethyl phosphorous acid was investigated. The experimental data on the saponification process of dimethyl phosphorous acid and its complexes were found by measuring the change of the pH value. Equal concentrations of aqueous solutions of dimethyl phosphorous acid and $\left[Pt\left\{P(OCH_3)_2OH\right\}_2\left\{P(OCH_3)_2O\right\}_2\right]$ were heated in a water bath at 100°. After a certain time the pH value was measured at 20° in order to find out the difference of saponification between free dimethyl phosphorous acid and the acid coordinatively bound with bivalent platinum as an addendum. It is evident from the change of the pH value on heating that

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free dimethyl phosphorous acid saponifies quicker during the first 15 minutes with a considerable reduction of the pH value of the solution. The saponification of group $P(OCH_3)_2OH$ in the complex $\left[Pt\left\{P(OCH_3)_2OH\right\}_2\left\{P(OCH_3)_2O\right\}_2\right]$ is insignificant. The qualitative and quantitative determination of the final products of the platinum complex saponification showed platinum, phosphorous and phosphoric acid. The saponification process is described as follows:

$$\left[Pt\left\{P(OH)_3\right\}_2\left\{P(OH)_2O\right\}_2\right] + HOH \rightarrow Pt + 3\ H_3PO_3 + H_3PO_4$$

The experiments prove that in platinum complex compounds the addenda of dimethyl phosphorous acids and phosphorous acid contain trivalent phosphorus. There are 1 figure, 2 tables, and 9 references, 7 of which are Soviet.

SUBMITTED: October 26, 1957